



■ Access your files whenever you want, from anywhere

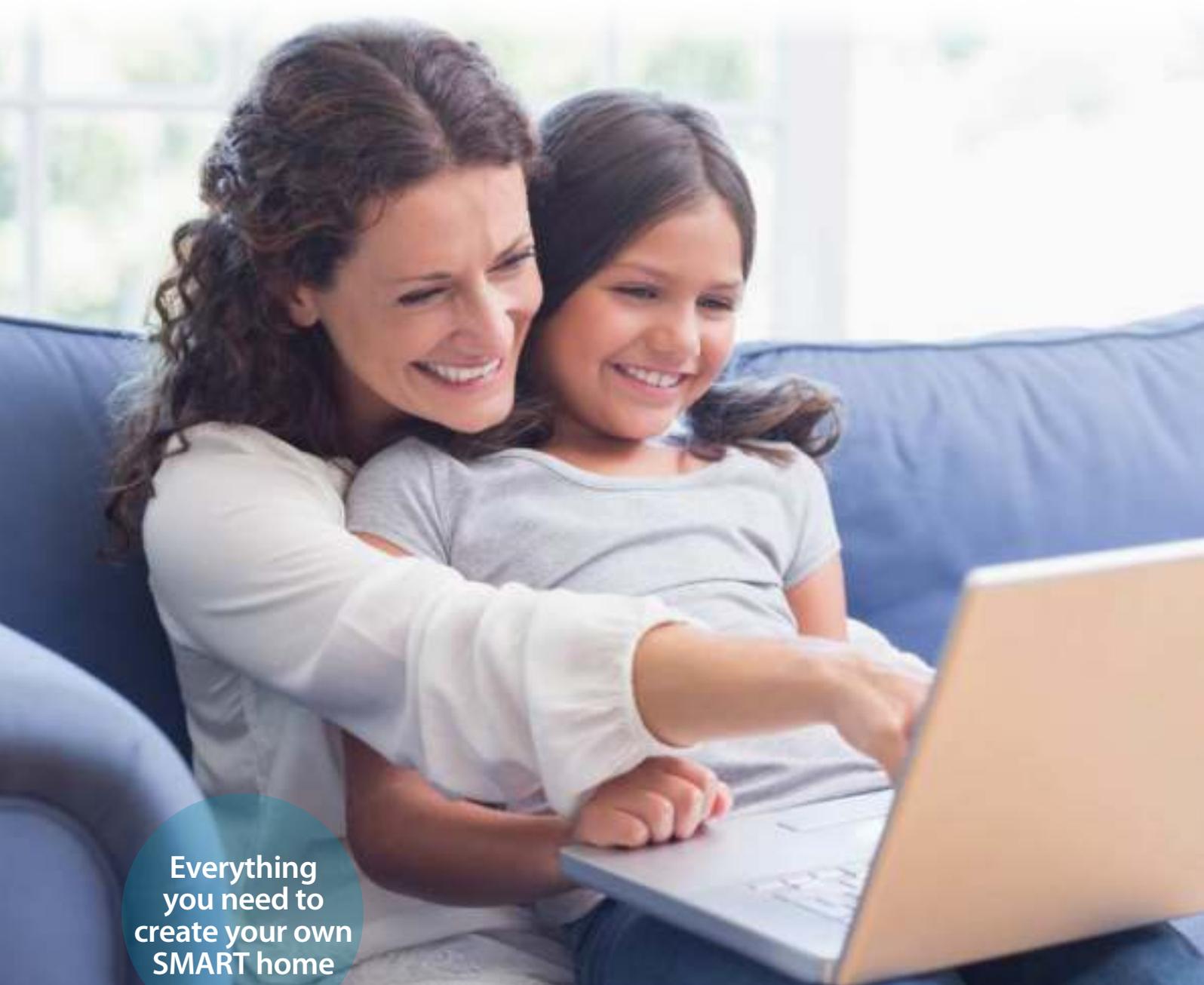
■ Monitor your entire home 24/7, even when abroad

■ Enjoy blazing-fast Wi-Fi in every corner of your home

■ Keep an eye on everything that is precious in your life

The SMART Home

Automate, Connect, Monitor and Work



Everything you need to create your own SMART home



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What do all the symbols mean?

Throughout this guide you will see icons that tell you at a glance the core advantages or operating principles of our wide range of products. Here's a guide to those icons so you can easily refer back here if you need a reminder.



mydlink is a secure, free 'cloud'-based service that enables you to access and control all of your mydlink devices (such as routers and network cameras) via your own personal account on your computer or smartphone/tablet app. Set-up is easy via the secure mydlink website or you can download the free mobile apps (see *The Smart Home* on page 6) to stay connected to the things that matter to you most.



D-Link's Zero Configuration products offer fast and simple set-up. Simply plug your Zero Configuration device into the back of your compatible D-Link router (almost all of them are) and it will be configured 'automagically'. If it is a wireless device, there's no need to mess around with techy settings; simply unplug from the router, plug into a wall socket elsewhere in your house and it will be automatically connected wirelessly. In some cases you just have to press a button which is known as WPS – Wi-Fi Protected Set-up.



mydlink Home is D-Link's app-based home automation ecosystem which enables you to control, monitor and protect your home with a range of interconnected wireless devices.



D-Link is leading the way when it comes to Wireless AC technology. Capable of delivering up to four times the speed of the previous wireless standard (known as Wireless N), Wireless AC also operates on the less-congested 5 GHz band so you are much less likely to experience buffering, lag or dropped connections.



SmartBeam technology allows routers to locate and track to individual devices by using multiple multi-directional antennas to optimise the connection with each device by maintaining a stronger, more focused wireless link. It is perfect for larger houses or those with many rooms.



Universal Plug and Play (UPnP) uses a set of networking protocols that permit network devices (such as computers, printers, routers, Wi-Fi access points and mobile devices) to discover each other's presence on the network and establish functional communication. Digital Living Network Alliance (DLNA) certification further ensures seamless streaming of multimedia from your router or network storage to your computer, games console or Smart TV.

What else can you expect to find?



Meet the Tech Experts...

Throughout this guide you will find these happy faces. They are technical and they know their stuff. Not that it isn't easy to plug in and set up a D-Link router or wireless range extender (seriously, it really is), but if there's a top tip or explanation of home-network jargon that you need to know about, one of these experts will guide you through, so look out for their smiling faces throughout these pages.

This Product is Perfect For...

You will find a selection of at-a-glance summaries on our 'hero' products which explain succinctly why this particular device is better than any other for a specific task in your smart home.

Q&A

There are likely to be times when you have a technical question relating to one of our products. Chances are we have already thought of that question, so you will find it answered here in these Q&A panels throughout this guide.



Why D-Link?

D-Link has been the digital lifestyle brand of choice for millions of customers since way back in 1986. Back, in fact, since the Internet was in its infancy. We have grown with it, led the trends and continuously developed leading-edge consumer products that are reflective of the needs and demands of real people who want to connect their growing range of electronic devices in and around the home.

As a billion-dollar company, D-Link has both the resources and expertise needed to stay abreast of and, in many cases, pioneer technological trends through ongoing research and development programmes. All this translates into affordable, market-leading products that make your life easier, and that fit seamlessly into your modern, busy lifestyle.

There's no avoiding it – we now live in a digital world, a world in which we want all our devices to talk to each other, to seamlessly integrate without the need for human intervention or continual techie tinkering. We want to stream music throughout our homes, visually monitor our babies while they sleep, download HD movies, share photos and, of course, check our emails and browse the web. All this needs modern, technologically advanced products that just work. And D-Link provides it all.

Whether you need the latest, fastest Wireless AC Wi-Fi router, a state-of-the-art network camera, network video recorder or a 4G dongle, there's a D-Link product to suit. Products that you will find listed and explained in detail throughout the pages of this guide.



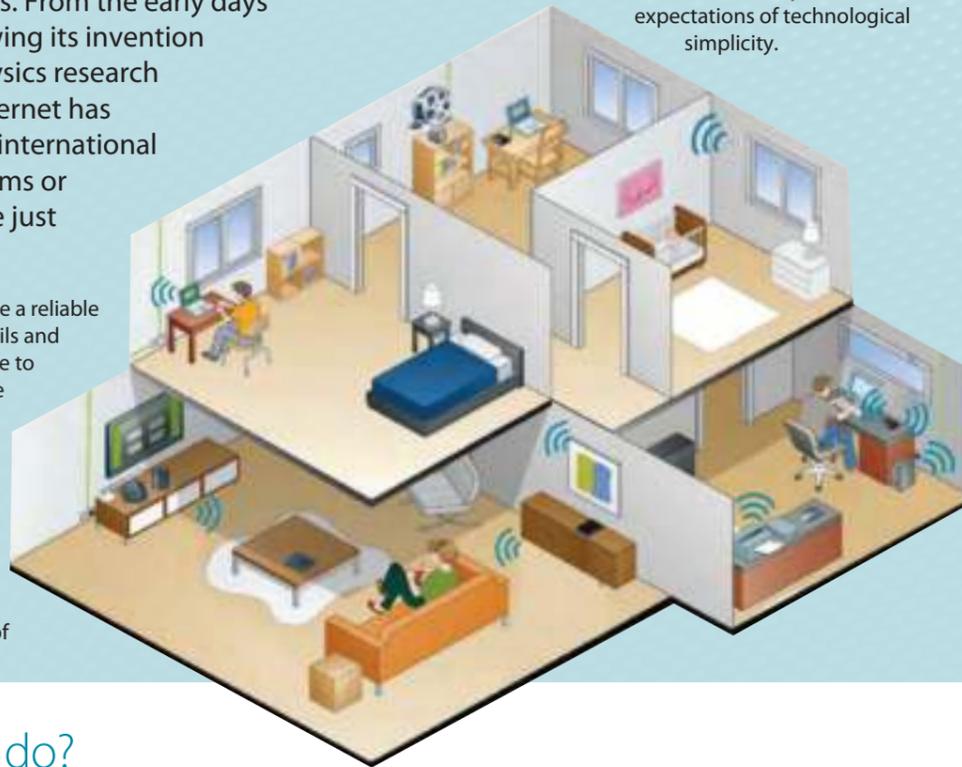
The SMART Home

The explosion of lighting-fast broadband and the ready availability of Internet connectivity to pretty much every home in the land has turned the idea of the 'connected home' from sci-fi pipedream to reality in just a few short years. From the early days of the world-wide web following its invention back at the CERN particle physics research facility in Switzerland, the Internet has become as commonplace as international air travel, city-centre traffic jams or Mediterranean sunshine – we just take it for granted.

These days it is possible not only to have a reliable Internet connection to check your emails and browse the web at home, but to be able to share pictures, movies, music and more both within the boundaries of our homes and beyond. The personal 'cloud', a repository for our digital life, is now very much a reality.

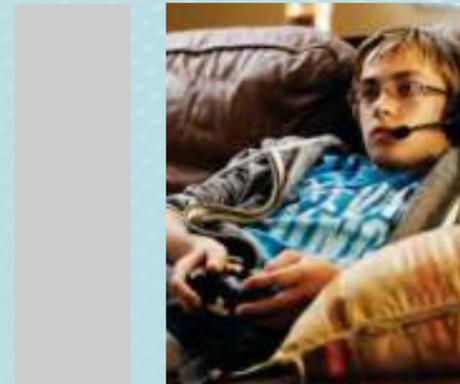
With D-Link you can install, manage and maintain a home network that enables that digital life to evolve and expand, where you are in control of

the technology (not the other way around) and which will enable everyone in your home (both adults and kids) to live in digital harmony – irrespective of whether your preference is for Macs or PCs, iPhone or Android. At D-Link we not only understand your need to be permanently connected within and beyond your home, but we strive to meet your expectations of technological simplicity.



Communication is the Key

At the heart of all human interactivity is communication, and that's what D-Link does; we make devices that communicate with each other, so that people can do the same. Connectivity is very much at the core of the connected, automated home network; we have products to join devices and users together in every way possible. From conventional routers and network switches to PowerLine adapters that use your home's electrical wiring for networking, plus the very latest in Wi-Fi routers for use with DSL phone lines, cable and fibre broadband services. We also manufacture a wide range of network adapters for desktop PCs and notebooks as well as dedicated print servers, wireless range extenders and other core networking products. Essentially it means you can connect to the Internet, create a wireless network, extend that network, add devices to that network to monitor, store and control. And you can access those devices remotely, too, when you are out and about or even abroad. In other words, the Connected Home...



What do you want to do?



I want to...

Connect to the Internet

You need to start with a router, which is the beating heart of your connected home. Your Internet service provider (ISP) will have given you an ADSL router to get you connected, but the best thing to do is use it purely as an Internet connector (ie the Modem element of it), and chose a D-Link router, which will connect you quickly, safely and securely. If you want to connect from anywhere in your home without wires, you'll need a wireless router, so even though your ISP's router will probably be wireless, a D-Link router will almost certainly improve your wireless reach and signal strength.

See page 40



I want to...

Automate, control, monitor and protect my home

Well, that's where D-Link can help at all levels, because we have the most advanced range of interlinked home automation devices on the market, so you can do just that. Whether you want something as simple as a light that switches on when you walk into a room, or something a little more sophisticated, such as notification when your washing machine has sprung a leak, with the mydlink Home range, you're covered.

See page 14



I want to...

View and monitor what's going on in my home

After your family, your home is probably the most precious, valuable possession you have. D-Link's range of market-leading technically advanced Internet-connected cameras enable you to keep an eye on everything that is precious to you, whether that is your home itself, or your baby, your pet, or your classic car in the garage...

See page 52



I want to...

Extend my wireless network

Do you hate wires? Would you rather just go wireless *everywhere* in your home, even those furthest reaches? D-Link has invested heavily in developing the very best wireless products for home networking. But sometimes, particularly in older homes, walls are just too thick and distances too great for the wireless signal to get through (even with our amazing SmartBeam technology). That's why we have developed a range of devices specifically designed to extend the wireless range of your base network.

See page 70



I want to...

Add a printer to my network, and share it with everyone

Simply plug your printer into the USB port of a supporting router. If you are looking to connect more than one printer, why not choose one of our dedicated print servers? With support for a wide range of multifunctional printers as well as older parallel port printers, you can make the most of your existing printer to share with everyone at home. A more modern network printer with an Ethernet port can be added to routers or print servers, or to an Ethernet switch.

See page 84

Looking for the Fastest Wireless Network? Go Wireless AC

Enjoy Greater Coverage and Higher Speeds with Wireless AC and AC SmartBeam Technology

Wireless AC

D-Link's Wireless AC family allows you to create the fastest home network possible today, connecting all your computers and mobile devices to your broadband Internet connection. Concurrent dual-band 802.11ac with D-Link's AC SmartBeam technology brings you the future of high-bandwidth wireless connectivity, allowing you to stream HD video, make video Skype/FaceTime calls, and surf the Internet from every corner of your home without interruption. It's stylish, easy-to-use, and is IPv6-ready for a reliable network today and tomorrow. Using the latest Wireless AC technology, D-Link's Wireless AC solutions can provide wireless speeds of up to 1.3 Gbps, four times faster than Wireless N*. In other words, super-quick.

* when compared with Wireless N300

AC SMART BEAM

AC SmartBeam targets devices with weak reception by sending a focused, 'locked-on' signal to the device. This ensures that all the devices within your network get optimised Wireless AC connectivity, no matter where they are located within your home.

Dual-Band Connectivity

Most wireless (Wi-Fi) devices today operate on the 2.4 GHz frequency band, which has become increasingly crowded; with so many devices connected in this frequency range, interference has reached a point where it can cripple your data flow and speed. Which is why D-Link also employs the latest (and much less common, so less crowded) 5 GHz frequency band in our Wireless AC routers. With fewer devices connected, you get less interference and thus faster speeds. The previous wireless standards (known as Wireless N) had bands ranging from 20 MHz to 40 MHz. But with Wireless AC, the band has increased to 80 MHz, meaning a wider band for your data to pass through faster.



To understand this better, imagine you are stuck in a three-lane jam on the motorway. That's the 2.4 GHz frequency – lots of traffic going nowhere fast. Now imagine a new multi-lane motorway built alongside, and you are one of

just a handful on that spanking new, smooth road. You're positively zipping along, while almost everyone else is still crawling. You're now on the 5 GHz frequency.

All D-Link Wireless AC routers support dual-band wireless, operating on both the 2.4 GHz and 5 GHz wireless bands at the same time. This allows you to browse the web, chat and email using the 2.4 GHz band (they are not data-intensive activities), while simultaneously streaming digital media, playing online games, or enjoying FaceTime or Skype video calls on the 5 GHz band.

Take your world with you and stay in control with mydlink



Here is where things get clever. If you'd like to keep an eye on all the things that matter to you most when you're away from home, or access your music, photos and videos, or control your automated electrical appliances, then mydlink offers you a simple and easy solution. What is mydlink? mydlink is a secure, free 'Cloud'-based service that enables you to access and control all of your mydlink devices (such as routers, network cameras,

sirens and detectors) via your own personal account on your computer or smartphone/tablet app. Set-up is easy via the secure mydlink website or you can download the free mobile apps to stay connected to the things that matter to you most.



I want to...

Add more wired devices to my network

Our wireless routers have a built-in Ethernet 'switch' which allows you to connect your Smart TV, network storage device or games console to the network. If you run out of ports, simply connect one of our 'plug-and-play' network switches to add more – up to 24 more! You can even add a switch with Power-over-Ethernet (PoE) support to connect and power an outdoor network camera for easy one-cable installation.

See page 84



I want to...

Get a connection where wireless simply won't reach, or connect a non-wireless device

The D-Link range of PowerLine adapters allows you to create a network using your home's existing electrical circuitry. Simply plug in and connect a PowerLine adapter to a conveniently located mains sockets near your router, and another where you want the connection, and you've just built a high-speed network without the need for extra cabling.

See page 74



I want to...

Access my home network when I'm on the move, out and about

Here's where some clever technology plays its part, where hardware and software seamlessly meet. Our range of mydlink 'cloud' apps for iOS, Android and Windows smartphones and tablets allows total access and control via your own personal 'cloud' back at base, so you can fetch, stream, share, monitor and automate to your heart's content.

See page 10



I want to...

Stay connected on the move

Our range of portable and battery-powered routers with 4G and 3G support ensure you can stay connected wherever you are. You can even share a 4G/3G connection with all your other mobile devices by simply creating a personal Wi-Fi hotspot. We call it Internet on the Move, and we know you're going to love it.

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mydlink

Once you have your mydlink product, all you need to do is set-up your FREE mydlink account. Simply go to the secure mydlink portal at www.mydlink.com or download the mydlink apps straight to your smartphone or tablet. You can now access and manage all your mydlink devices using your smartphone, tablet or computer, from anywhere in the world through the Internet.

#1 Choose your **mydlink** product

#2 Choose your **mydlink** App



mydlink Wireless Routers

Want to protect your children and ensure they are surfing the net safely? mydlink routers not only allow you to see in real time the sites your children are visiting, they also protect you from anyone trying to use your wireless network without permission.



mydlink Cameras

Do you ever wonder what's going on at home when you are not there? With mydlink cameras you can keep an eye on everything that's important to you – your home, your office, your pets – without complicated set-up.



mydlink Network Video Recorder

If you want to record and playback the footage available from your mydlink camera, you can add a network video recorder (NVR). Not only will you be able to review the footage while at home, but if you are away and receive email notification of movement, you can log in and access the footage from anywhere.



mydlink Lite

The mydlink Lite app allows you to quickly and easily view your mydlink camera feeds and manage your mydlink routers from anywhere with an Internet connection.

Features:

- Set up your mydlink camera from the app – no computer required
- View live video from your mydlink camera
- Supports H.264 video streaming for smooth, high-quality video (specific models only)
- Listen to audio from your camera's microphone (audio-enabled models only)
- Save snapshots of your camera's video to your smartphone, tablet or laptop
- View the online status of your mydlink cameras and routers
- Remotely monitor and configure your mydlink routers
- Block unauthorised access to your network
- Set parental controls on your router
- Access and view your camera's video feed (without audio) through your Network Video Recorder (NVR)
- Touch, pinch and drag to move/zoom in on your view
- Toggle camera's view modes between night/day mode



Please refer to the mobile app's page on App Store, Google Play or Windows Store for product support information.



mydlink +

No more guessing what's happening at home while you're at work or on holiday; all you need is a mydlink camera and a tablet and you'll always be connected to what matters most.

Features:

- Watch up to four cameras at a time from your tablet
- Switch camera view on-the-fly through the monitoring dashboard
- Save snapshots to your tablet
- Touch, zoom and drag to move your view for non-pan/tilt/zoom cameras
- Cover and protect wider areas of your home or office with a pan/tilt/zoom camera
- Toggle camera's view modes between day/night/automatic
- After initial set-up on the mydlink website, you can enable/disable motion/sound detection from the app for supported cameras
- Talk back with two-way audio support (selected models only)
- Access and view your camera's video feed through your Network Video Recorder (NVR)



mydlink View-NVR

With the mydlink View-NVR app for iPhone, iPad and Android smartphones and tablets, you can connect to your D-Link Network Video Recorder DNR-312L to monitor multiple cameras, control pan/tilt/zoom cameras and play back recorded video.

Features:

- View camera live video
- Single-channel playback with various period selections and play speeds
- Pinch in/out for digital zoom
- View camera video with single-channel layout.
- 2x2 grid layout on both smartphones and tablets.
- Swipe to view previous or next video channel in the listing
- On-screen Pan/Tilt/Zoom functions for those cameras supporting PTZ
- Save snapshot of current camera to your smartphone or tablet
- Insert current camera view as snapshot in email content for further action



mydlink + is only available for tablets. Please refer to the mobile app's page on App Store or Google Play for product support information.



mydlink SharePort

The mydlink SharePort app allows you to easily stream, access and share your music, photos, videos and files to your smartphone or tablet, from anywhere, anytime. With industry-exclusive USB SharePort Technology, you can simply plug your USB stick or storage drive into your mydlink-enabled router at home to access your USB-stored content remotely via the SharePort app.

Features:

- Use the connected storage device as a shared cloud storage space for your home or office
- Easily access and stream media while at home or anywhere with an Internet connection
- Stream movies and music to your iOS and Android devices
- Play slideshows of your photos
- View documents directly on your mobile device
- Save files for offline playback using the Favourites feature
- Upload photos and videos from your mobile device Camera Roll to your storage drive



Click on the application store badge for more information

Click on the application store badge for more information



Home automation is no longer the preserve of the rich, nor the stuff of futuristic dreams. It's available here and now...

Once upon a time, the very thought of automating your home was so far in the very distant future that it seemed an impossible dream.

However, technology has moved on, and that's good news for you, because it means that the future is now the present, those long-dreamt possibilities are now realities. We call it mydlink Home. It is smart home technology at its most futuristic.

You can stream your music wherever you want in your home from computer, smartphone or tablet (wires are dead!); you can detect motion, and have that detection trigger an action with a few swipes and taps on our customisable app; you can even monitor the power usage of all your electrical appliances and turn them on and off manually or automatically, whenever and from wherever. And you can keep an eye on your home using our home monitors, have them record action based on certain criteria and even set them to email you when they do so. You can detect smoke, water, or the opening of a door or window, and be notified instantly on your mobile phone so that you can do something about it.

This is clever stuff implemented to make your life easier, safer, with added peace of mind. It is smart home technology at its most futuristic. Available now, from D-Link..



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This discrete, battery powered sensor will alert you to open/closed windows or doors, and then act for you.

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This battery powered sensor detects motion and can trigger action.

46 Smoke Detector
Like a normal smoke alarm but this connects to your home network and sends an alert to your smart device.

37 Siren with Battery Backup
When something else happens, this will help you know by making extra noise.

38 Water Sensor
A versatile early warning flood defence.

39 Siren
The perfect auditory alarm to link with our sensors.

The Smart Home that 'just works' – now within everyone's reach

The time really has now arrived to get your home talking. With D-Link's range of home automation solutions, there is almost nothing that you can't control or monitor in your home, and with prevention being better than cure, notification and warning also plays its part. That's because the entire range of mydlink Home products all talk to each other. They communicate seamlessly and without boundaries or barriers to simplify your life. How is this good? Read on to find out, and open your mind to a world of possibilities.

mydlink Home

The mydlink Home range of home automation devices is a truly integrated series of affordable, software-connected products that help you to control, monitor and protect your home in more ways than are imaginable. From the moment you open the first of your mydlink Home devices you realise you have something special in your grasp. Install the free app on your smartphone or tablet and the story just gets better. Why? Because ALL the mydlink Home products talk to each other in a seamless, intelligent way such that setup is quick and intuitive, with control and notification thereafter being exactly as you desire, exactly as you set it.

No other home automation manufacturer has the integrated range of hardware and software, with such a diverse range of sensors, detectors, sirens, cameras, alarms and smart plugs, backed up by an industry-leading Cloud infrastructure several years in the making. All of which translates into the most positive experience yet of home automation. The Hollywood elite have had it for a while (but paid through the nose for it). Here, at last, is proper, affordable home automation for the rest of us.



How might you typically use D-Link's home automation devices?

#1 Monitor your home from afar...

Set-up one or more Monitors and you can log in to your account from wherever you are in the world to view exactly what's happening back at home. Not only that, but you can be alerted instantly in the event of any number of 'events' back at home, such as the smoke detector going off, human movement being detected at the back of your house, or a dishwasher leak.

#2 Have lights switch on automatically...

Walk into any room and your lights could come on automatically. Once you've got over the novelty of the concept you'll appreciate the value. With a Motion Sensor and Smart Plug this is quick and easy to achieve. Of course, you could also set the lights to come on automatically when it starts to get dark, or set them to activate at a range of pre-set, semi-random, daily times.

#3 Be alerted if a window is opened...

It's all very well having a burglar alarm, but when you're away from home there's still that niggling doubt that it might go off and no-one will do anything about it. But you can. Fit a Door/Window Sensor and if contact is 'broken' you can get automatically notified, lights could switch on, and you can take video with your Monitor. Criminals really do stand no chance...

#4 The possibilities are almost endless...

A siren that sounds with a specific note when smoke is detected, an alarm when motion is sensed, electrical appliances that switch off if the plug gets overly hot, notification if you use more electricity than you set as a threshold – the list is as long as your imagination. Everything is achievable, and it's all thanks to D-Link's home automation superiority and easy-to-use ecosystem.



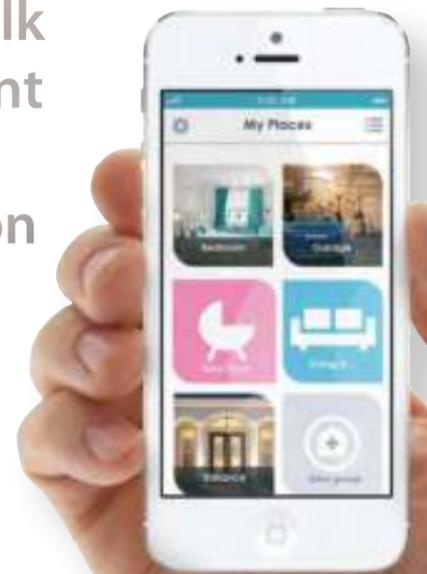
Turn over to see how all mydlink Home products talk to each other to simplify your life...

ALL the mydlink™ Home products talk to each other in a seamless, intelligent way such that setup is quick and intuitive, with control and notification thereafter being exactly as you desire. And of course, you don't have to be at home to control and monitor what's going on.

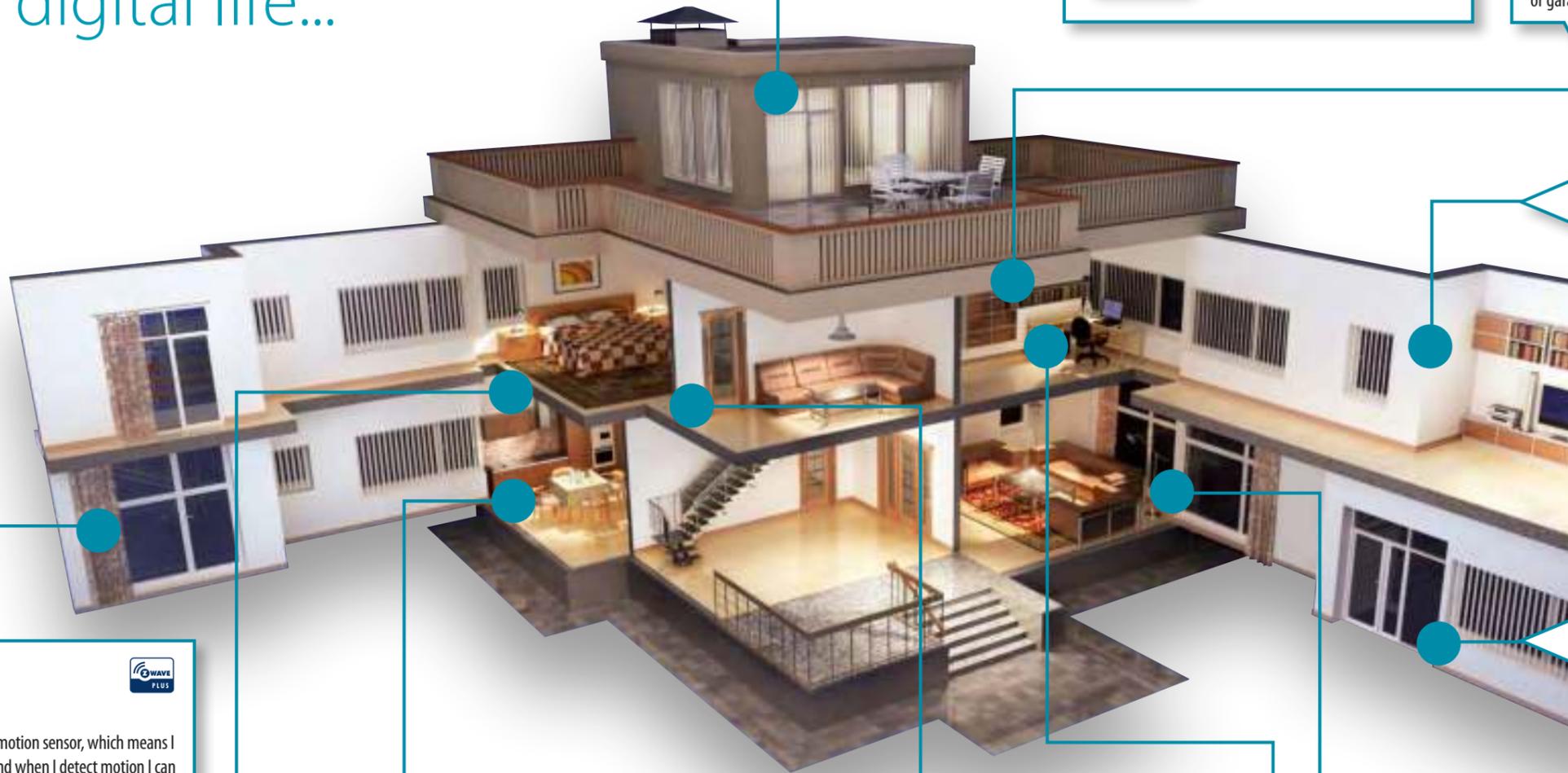
No hidden charges. Seriously....



The mydlink Home smartphone and tablet app is the command centre for the D-Link range of smart home technology devices, enabling you to set, control, monitor and automate. What felt like science fiction not that long ago is now very much science fact...



Here's how the mydlink Home products talk to each other and fit into your digital life...



Siren with Optional Battery Backup



I'm a bit like my mains-powered brother below, but I have an optional battery backup. Otherwise I make a noise that you can't miss if I'm told to do so by another mydlink Home device.

Monitors



We're the windows into the soul of your home. What we see, you can see (on your tablet or smartphone). If we detect movement or sound, we can tell a siren to go off* and send you an alert so you can instantly 'log-in' and see what's going on. We're perfect in your sitting room, kitchen, hallway or garage, or near any 'entry-point'.

Siren



I'm a mains-powered siren, so I only have one job. I make a loud noise when I'm told to by one of the sensors or detectors. We all work very closely together, but I could help save your home, or your life.

Motion Sensor



I can detect when someone walks into the room, then talk to other mydlink Home devices. For example, I could talk to the Smart Plug and have a light (or any other electrical device) switch on automatically.

Battery Motion Sensor



I'm a tiny, battery-powered motion sensor, which means I can live almost anywhere, and when I detect motion I can tell several of the other mydlink Home devices to do their thing either via the Smart Plug or using one of the sirens, so you could put me in your porch-way and have a light switch on in the hallway when someone approaches your front door and sound an alarm in your kitchen.

Smoke Alarm



If I detect smoke, not only will I 'go off', but I can also talk to the other sirens and tell them to sound as well – very useful if you have a big house. Naturally, I can also send you an alert...

Water Sensor



I can detect flooding or a leak from the washing machine and then talk to the Wi-Fi siren in the master bedroom so that it goes off if a flood occurs. And if you've plugged your washing machine in through a Smart Plug, I can tell it to switch off. Or I could switch a pump on. And yes, I can also send you an alert.

Smart Plug



I can be programmed to do all sorts of things. Typically, I might talk to one of the Motion Sensors (or rather it will talk to me), and tell me to switch on a light or some music. I can talk to you, too, by sending you notifications of current electrical appliance status and notifying you about what I'm up to.

Connected Home Hub



I'm the heart of your mydlink Home system, and I connect all of the mydlink Home devices together! All of the technical 'conversations' between devices come via me and I ensure all your devices connect to your Wi-Fi network, so I'm quite important, but I'm also quite small so you can put me almost anywhere...

Door/Window Sensor



I'm battery powered and can be fixed to any door or window, then detect opening and talk to several other mydlink Home devices and tell them to 'operate', and I can alert you as well.

* Motion/sound detection trigger function only available on DCS-935LH and DCH-8200LH

App-controlled, cloud-based home automation to monitor, control and protect

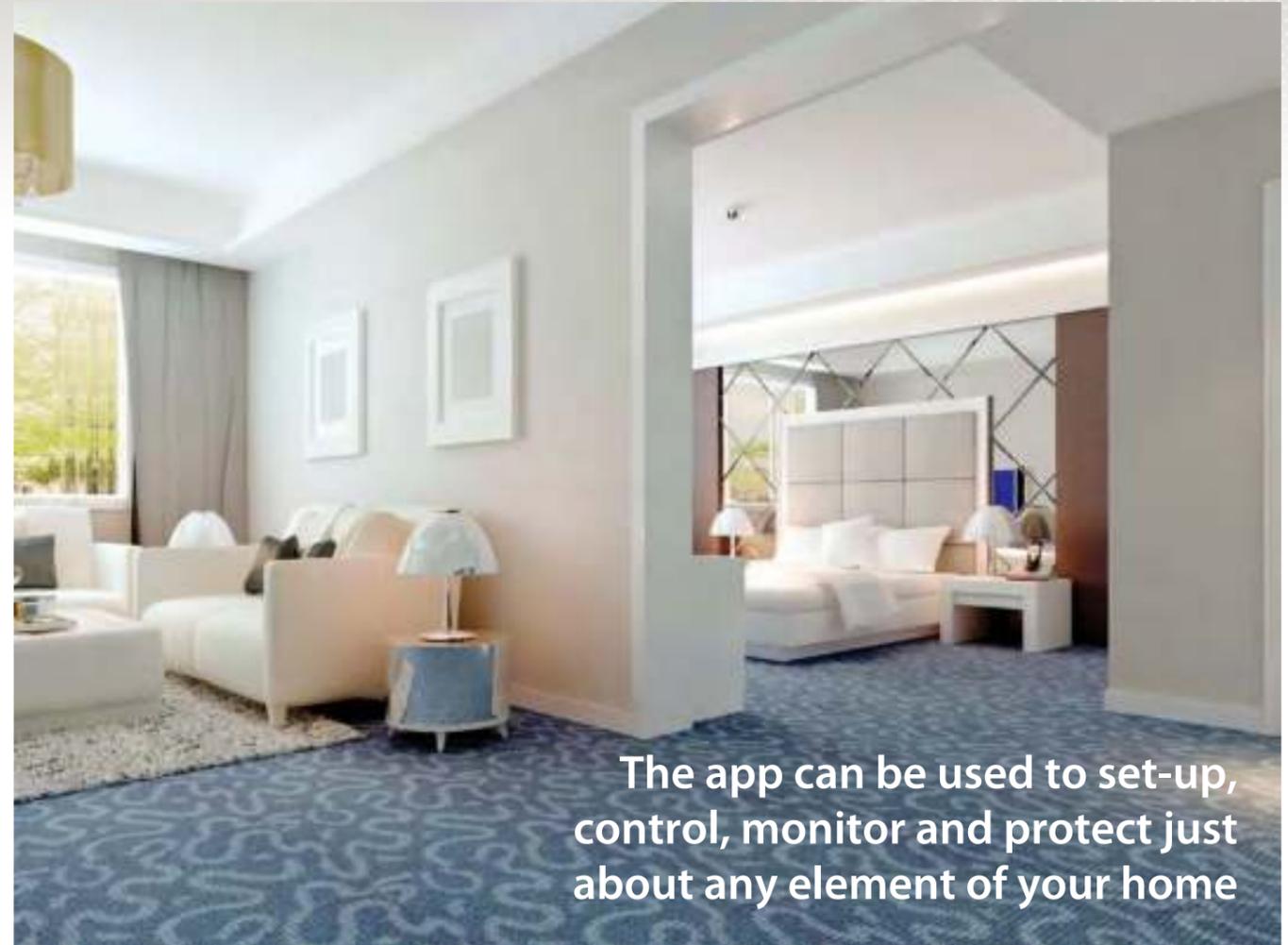


D-Link is already leading the way in the Home Automation market with a fully integrated set of hardware and software technologies which work seamlessly to provide real-world, future-proof solutions to here-and-now problems. The cloud-based mydlink Home ecosystem enables you to connect, control, protect and personalise your home with thoughtfully conceived hardware devices which 'talk' to each other to make life simpler.

mydlink Home App for iOS and Android

Heart of the system is the mydlink Home app, for both iOS and Android platforms (so covering 96.4% of all smartphone and tablet devices). The app is the controller for D-Link's ever-expanding range of home automation devices, including video monitors, smart plugs and a powerful array of sensors to detect water, human or animal movement, smoke, and open doors and windows, along with sirens which can be triggered according to what has been detected. The app can be used to set-up, control, monitor and protect just about any element of your home and its

immediate periphery, and the 'experience' can be totally personalised to work the way you want. The incorporation of conditional logic enables the user to create 'recipes' of functionality to enable triggering of one or more actions based on a given detection scenario. It's do-it-yourself simple, and with no ongoing fees you can simply set it and forget it, safe in the knowledge that D-Link (or rather D-Link's groundbreaking technology) is watching over you (in a good way). The home automation era has arrived, and it's available now. Only from D-Link.



The app can be used to set-up, control, monitor and protect just about any element of your home

Easy-to-use App

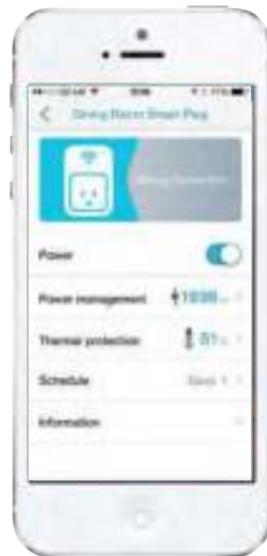
#1 Download the App



#2 Set-up your Hardware



#3 Install a Smart Plug



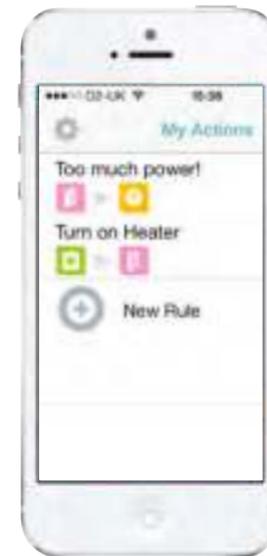
#4 Set Basic Schedules...



#5 ...or set Advanced Schedules



#6 Establish Action Rules



#7 Set Power Usage Thresholds



#8 Receive Push Notifications



mydlink Home+ IFTTT

Conditional programming (without the code) is now at your fingertips thanks to IFTTT integration

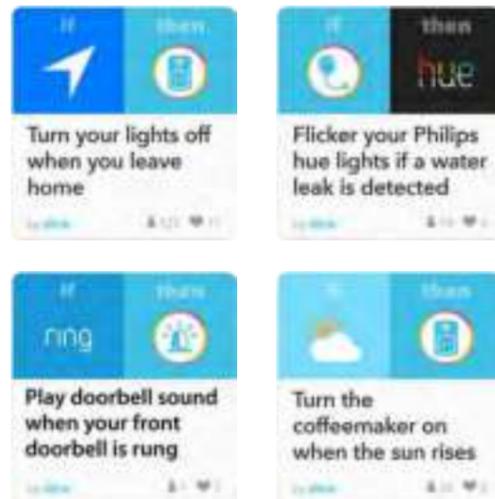
IFTTT – If This Then That – offers the ability for selected mydlink Home devices to be built in to automated ‘Recipes’, so that you can have one action or condition trigger another (and not just integrating D-Link devices, either). What’s more, you can link them together to create a completely customisable home automation experience.

IFTTT connects your home with the things that are important to you

IFTTT (If This Then That) is the language of a Smart Home. Build your own device recipes to create amazing interactions around the home. Pair selected mydlink Home™ devices (see right-hand page for compatible mydlink Home products) to other IFTTT-enabled products and apps to do amazing things around your home. Want to turn off the lights when you leave the house? No problem. Want to be alerted instantly if your washing machine springs a leak? No problem. Want to have your doorbell sound throughout the house? Yes, you guessed it, no problem.

In tune with your life

mydlink Home devices equipped with IFTTT compatibility can trigger events with online services like Facebook, Evernote, SMS, Google Calendar and many more. So you could add an already published ‘recipe’ or create your own to get a text alert when your kids get home from school or when your favourite team wins a game. If you can imagine it, you can probably automate it.



How to get started with IFTTT

- #1 Install the App**
Install the IF by IFTTT app on your Android or iOS device to create your free account.
- #2 Add your Hardware**
Search and select your mydlink Home products by searching ‘D-Link’. Then connect it to your mydlink Home account by following the step-by-step instructions.
- #3 Choose or create a Recipe**
Scroll through the published Recipes or create your own.
- #4 Add the Recipe**
Add the Recipe you want and enjoy your customised Smart Home solution!

Which mydlink Home devices are IFTTT compatible?

IFTTT compatibility is built into the mydlink Home app used to control the **four Wi-Fi devices** which sit at the heart of the mydlink Home range, shown here.



Smart Plug (DSP-W215) see page 26



Motion Sensor (DCH-S150) see page 28



Wi-Fi Cameras (DCS-8200LH, DCS-935LH) see page 30



Water Sensor (DCH-S160) see page 42



Siren (DCH-S220) see page 43

...and here are some typical Recipes to get you started

#1 Get notification on your phone when your daughter arrives home



You can't always be at home when your child arrives back, but you can at least know. No doubt she'll be too busy posting selfies on Instagram to remember to tell you herself, but with a Wi-Fi Motion Sensor in your hallway, as soon as she walks in you will know. Because thanks to your IFTTT Recipe, as soon as it detects motion you'll get a text.

#3 Prevent a bigger disaster when a little disaster strikes



Accidents happen, but with the Wi-Fi Water Sensor you can set up an easy IFTTT Recipe. If water is detected, then flicker my Philips Hue lights, change the colour to red and sound an alarm using the Wi-Fi siren. You'll never wake up to a flooded kitchen or utility room ever again.

#2 Wake up to the smell of bread and coffee

There's nothing like waking up to the smell of fresh-brewed coffee or home-baked bread, and thanks to D-Link's IFTTT integration you can have both! Just use the timer facility on a couple of Smart Plugs and when the appointed time comes, your bread machine can switch on at, say 4am, and then the coffee machine at 7am, so you wake to lovely aromas. Perfect!



The mydlink Home smartphone and tablet app is the command centre for all your IFTTT recipes which integrate with the four Wi-Fi mydlink Home devices.



What better way to get started with automating your home than with a Starter Kit?



We know the world of home automation might be confusing if you've not come across this clever technology before. What hardware do you need? How does it work? What do I have to do to set it up? Well, we've taken the guess-work out of home automation with these two Starter Kits to help you get going. Depending on what you want to do, each kit contains all the hardware you need. Oh, and no hidden charges or ongoing fees. Ever.

Go Smart with the mydlink Home Smart Home HD Starter Kit

All D-Link home automation products are available separately, but the quickest and easiest way to 'smarten up' your home is with the Smart Home HD Starter Kit – an all-in-one package which brings together everything you need in one convenient box. The Smart Home HD Starter Kit includes a Smart Plug, a Wi-Fi Motion Sensor and an HD Monitor – the perfect starter package. So you'll be able to set-up and control the electrical appliance of your choice (and monitor its energy usage), set-up auto-triggering based on detected movement, and view exactly what is happening back at home, whether you're just around the corner or half way round the world... And of course, just as with all the other mydlink Home products, set-up is easy, quick and intuitive using the free



Smart Home HD Starter Kit contents

- Smart Plug – DSP-W215
- Wi-Fi Motion Sensor – DCH-S150
- Monitor HD –DCS-935L

The mydlink Home ecosystem enables you to connect, control, protect and personalise your home with devices which 'talk' to each other to make life simpler

[Click on the product image for more information](#)

These Products are Perfect For...

...starting out in the exciting world of home automation, with everything you need to set-up and get going



The mydlink Home Smart Home Security Kit – everything you need to protect what you love

This Security Kit contains the hardware centrepiece of the mydlink Home ecosystem, the Connected Home Hub, the brains behind the communication between the mains- and battery-powered sensors and sirens and the rest of the Wi-Fi-connected devices in the range. Speaking of which, with a mains-powered siren (which includes optional battery backup) and the very clever Door & Window Sensor in this Security Kit, you can set up any number of alarm options based on the detection of an opening door or window (see page 28 for more details of the many ways you can use this). And the inclusion of the

Monitor HD (basically an Internet-connected camera) enables you to log in and see exactly what is going on back at base. So while you might not be at home, you can still see what's happening there.

Of course this Security Kit (and the HD Starter Kit on the left) is only the beginning of the story. As you will see throughout this brochure, there are many products in the mydlink Home ecosystem which enable you to control, monitor, automate and secure your home – a process that was once the preserve of the rich and famous but which is now easily available to you, for a lot less than you'd think.

Can I add extra mydlink Home devices easily to my network after setting up a Starter Kit?

You certainly can, and what's more because all mydlink Home products have been designed and built by the same people to work as a complete, comprehensive ecosystem, the set-up and addition of additional devices – whether another Monitor, a Smart Plug, a Motion Sensor or an additional Siren, the whole process is quick and incredibly easy.

Smart Home Security Kit contents

- Connected Home Hub – DCH-G020
- Siren with Optional Battery Backup – DCH-Z510
- Door & Window Sensor – DCH-Z110
- Monitor HD –DCS-935L

[Click on the product image for more information](#)

Automate Everything...



Imagine being able to turn your home's electrical appliances on with a swipe and tap on your smartphone or tablet... while on the train on the way home. Now imagine being able to turn them off after you've left the house, because you forgot. Now imagine if that control could also be linked to a motion detector for even more automation. OK, time to stop imagining. Say hello to the Smart Plug. It's very, very clever...



It seems this Smart Plug can do almost everything – tell me more...

- **It's really easy to set-up.** Simply push the WPS (Wi-Fi Protected Set-up) button on the Smart Plug and on your WPS-compatible home router to establish a secure connection to your home network in an instant. The Smart Plug will automatically be added to your list of devices on the mydlink Home app, allowing you to get started right away.

- **Stay informed.** The mydlink Home app will send you customisable notifications informing you when it switches a device on or off, when you surpass your pre-set power consumption limit, or if a device has been automatically deactivated due to the plug overheating.

- **Power consumption? How does that work?** By plugging your appliances into a Smart Plug, you are able to monitor and manage your home's power usage. The statistics page on the mydlink Home app will provide detailed information about how much power the device plugged in to a Smart Plug is using, so you can make informed decisions about how best to schedule each device to save money.

- **Protect Your home and appliances.** The Smart Plug contains a built-in thermal sensor that shuts off the power to the connected appliance if the plug overheats. This means that you don't have to worry about damage to either the appliance or your home as a result of appliance failure, thus adding to your peace of mind...

mydlink Home Smart Plug

It doesn't look much, does it? A small box with an electrical socket and a couple of buttons and lights. Well, underneath that smooth exterior lies the greatest breakthrough in home automation since curtain pull-cords were invented. The Smart Plug (DSP-W215) is a multi-purpose, compact, and easy-to-use device that allows you to monitor and control your home's electrical devices from wherever you are, even when you're away from home.

Smart Plug DSP-W215



This Product is Perfect For...

...maintaining total control over all the plug-in electrical devices in your home, and for monitoring their power usage too.

Scheduling provides a helpful way to save power while you're at work or asleep, and the mydlink Home app provides an easy way to do this as well as check power usage, set up alerts, or turn a device on or off. Most importantly, the Smart Plug will safeguard against damage to your home and appliances due to overheating should you leave something inadvertently switched on, so it even comes with peace of mind built in. And naturally it works seamlessly with the Wi-Fi Motion Sensor (see overleaf) for total automation. As we say, home is where the Smart is...

Product Highlights

- **Control your electrical devices from your tablet or smartphone.** Switch appliances on and off manually, or set on/off schedules based on time or power usage.
- **Protect your home and appliances.** The Smart Plug has constant internal temperature monitoring, so a thermal sensor will automatically turn off overheating appliances, if that appliance's internal electrics go wrong and create excess heat in the plug pins.
- **Monitor your home energy usage.** See your power usage at a glance and receive handy push notifications, keeping you informed whether you're home or away.
- **Compact yet feature-packed.** Smaller than most traditional plug-in timers, yet far, far more versatile.
- **Easy one-button set-up.** Compatible with WPS (Wi-Fi Protected Set-up), so you can have it synced to your home wireless network in moments.

Picture the scene...



Scene #1

- **It's late on a mid-winter night and you're on the way home.** You're cold, tired and all you want to do is curl up in a nice warm bed; only the bed will be freezing cold. Ah-ha, but it doesn't have to be! Take out your smartphone, tap into the mydlink Home app, and switch on your electric blanket. That's it, simple as that. A warm, cosy bed waiting for you when you get home. How cool is that?



Scene #2

- **You're on the way to the airport for that long-awaited holiday.** Passports? Check. Tickets? Check. Kids in the back? Check. All set. And then the niggling doubt sets in that maybe you didn't set the lights on timers. No worries. Take out your smartphone, tap into the mydlink Home app and select each light in turn, then schedule on/off times to the exact minute you want, for every day you're away. Not just lights, of course, but the radio too, if you like. Then relax, knowing that the mydlink Smart Home Technology devices have got you covered.



Scene #3

- **You've been held up at work, and you're not going to be home in time to greet the kids when they get back from school.** It's dark outside, and you know they'll be letting themselves into a dark house. No problem. Because you've already set up a mydlink Home Wi-Fi Motion Sensor in the hallway, linked to the table lamp through a Smart Plug. So as soon as they walk in, the room is flooded with light. And you get an automatic notification on your phone that they are safely home. That's D-Link technology at work for you.

Click on the product image for more information

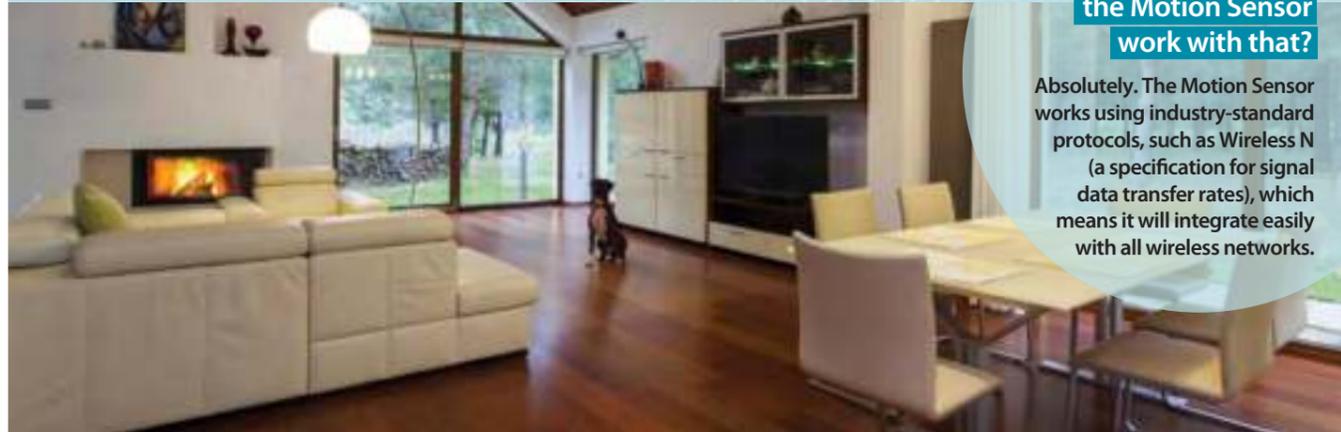
Detect Everything...

Walk into a room and the light comes on automatically, your music starts to play and you haven't even had to lift a finger! With the mydlink Home Motion Sensor this, and so much more, is entirely possible.



I already have a wireless network set up at home. Will the Motion Sensor work with that?

Absolutely. The Motion Sensor works using industry-standard protocols, such as Wireless N (a specification for signal data transfer rates), which means it will integrate easily with all wireless networks.



mydlink Home Wi-Fi Motion Sensor

Pop one of these compact little devices into a conveniently located power socket and, when combined with a mydlink Home Smart Plug, you can auto-control your connected home devices wirelessly. Yes, it's now that simple to automate your home! This amazing little Wi-Fi Motion Sensor (DCH-S150), not much bigger than a standard plug (but still small enough that it doesn't block the second of a two-gang socket) is the detection point for your automated home, the all-seeing eye that detects movement and then talks, via your router, to one of our amazing mydlink Home Smart Plugs, thereby turning on, or off, whatever appliance you have paired it with. Naturally, you can set the sensitivity of detection so that, for example, if your cat walks past, 'detection' does not take place. How? With the free mydlink Home smartphone/tablet app, which is the control centre for all your Smart Home Technology devices. What's more, you can set to receive notifications of detection, all with a couple of taps and swipes on your smartphone or tablet.

The ways you can use this are many and varied, and each device can be configured exactly as you want. You might have one in the hallway which simply notifies you when the kids get home from school (you'll know what time to expect them in, but you could use the Monitor HD or Monitor 360 to confirm it is them...). Or you could have a Wi-Fi Motion Sensor set to switch on your bedroom light when you walk into the room (when used with a Smart Plug, of course). Or to play music. Or turn on the TV. Or... well, you get the idea.

Product Highlights

- **Automate your home.** Use motion detection, combined with a Smart Plug, to automatically turn on or off appliances.
- **Easy set-up for convenience.** Support for Wi-Fi Protected Set-up (WPS) means connecting the sensor to your wireless network is only a button push away.
- **Stay notified no matter where you are.** Instantly receive push notifications on your mobile device whenever the motion detection sensor is triggered.



Set it and forget it...

Use your Motion Sensor and mydlink Home app to create 'Actions' which will be carried out according to your wishes. You can even edit those actions away from home.



[Click on the product image for more information](#)

mydlink Home Monitor HD

This high-definition camera delivers high-quality video for remote viewing on the tablet or smartphone you already own. And through clever electronic trickery, you'll also get clear images in complete darkness, thereby providing you with the ideal 24-hour monitoring solution. Sound/motion-sensing technology detects changes within the camera's field of view, triggering instant push notification as well as video recording directly onto the camera's integrated microSD card slot.

It's the intelligence of the hardware and software working in complete harmony that really brings the mydlink Home Monitor HD to life. The intuitive mydlink Home app interface allows you to quickly customise the device's settings, so you have full control over how and when you are alerted. You can easily set up volume thresholds and watch-zones so you can be instantly notified should your camera detect excessive noise levels or strange activity out of normal hours. Going on holiday? Tap into the mydlink Home app on your smartphone or tablet and update the settings, so you have total peace of mind, wherever you are.

And of course, while you are away, you can log-in at any time to keep an eye on things back home, because the Monitor HD (DCS-935LH) is always on, always ready.

This Product is Perfect For...

...monitoring what's going on in your home, day or night, and for alerting you if sound or motion is detected.

Product Highlights

- **Easy monitoring of your home, 24/7.** Access live video feeds of your home from any Internet-connected, smartphone or tablet, using the mydlink Home app.
- **Sound and motion detection with recording.** The integrated microSD card slot allows you to record videos directly onto the camera when motion or sound is detected, without the need of a computer.
- **Wireless connectivity.** Connect the Monitor HD to your Wireless home network, easily and conveniently, using one-button setup.
- **Crystal-clear night vision.** Infrared illuminators provide exceptional low-light and night-time vision, enabling the monitor to see up to five metres in complete darkness.



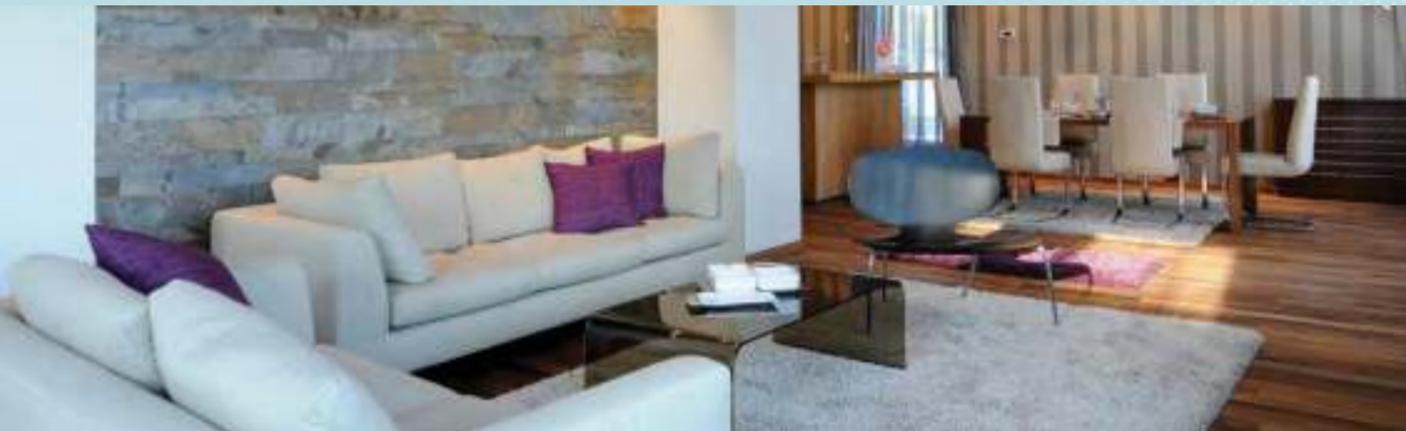
Monitor HD DCS-935LH

[Click on the product image for more information](#)

Monitor Everything...



You might have really good locks on all your doors, security locks on all your windows and infrared detection on outside lighting, but when you are not home there is always that nagging back-of-the-mind worry that your home is still vulnerable. Now, with the mydlink Home range of monitors, including the extraordinary Wide Eye Panoramics, you can add an extra layer of security and peace of mind.



mydlink Home Panoramic HD Camera

Your home is the most precious thing to you, probably, certainly in terms of 'possessions', so it makes sense to keep an eye on it whenever you're not there. This cute little all-seeing eye can do just that for you, in high definition, and thanks to being permanently 'live' it misses nothing. With 180° panoramic view, the Panoramic HD Camera (DCS-8200LH) enables you to see your whole room instantly without the need to pan and tilt, from wherever you have an Internet connection. But this camera's greatest party trick is its ability to not only see such a wide area, but the built-in de-warping technology which means you get an accurate, distortion-free picture. Not only that, the cleverly designed night vision means you will still be able to see your whole room, even in complete darkness. Now that's what we call peace of mind.

Beyond that, and much as you'd expect from the leaders in home automation, it offers wireless connection to your home network, dual video codec streaming (H.264 and MJPEG), sound and motion detection, and of course it links into the mydlink Home ecosystem so can be triggered to activate recording to a microSD* card (up to 32 GB) if it detects unexpected sound or movement.

*microSD card not included

Product Highlights

- **mydlink Home app-enabled.** Use the free mydlink Home app to view what your Panoramic HD Camera sees, using your tablet or smartphone to control it wherever you are in the world.
- **Wireless connectivity.** The latest in Wireless technology gives you increased speed, range and reliability, allowing for placement anywhere in your home where you have wireless coverage.
- **Motion and sound detection with night vision.** Never miss a thing with the ability to be notified when motion or sound is detected, and high-definition night vision ensures clear images even in low-light conditions, so you can always see what the Panoramic HD Camera sees.

This Product is Perfect For...

...creating a home surveillance system that gives you real flexibility and total peace of mind.



Panoramic HD Camera DCS-8200LH



Panoramic Full HD Camera DCS-8300LH*

mydlink Home Panoramic Full HD Camera

The latest iteration of our ground-breaking 180-degree home monitor is without question the most versatile and capable yet, thanks to its ceiling mountability for full wall-to-wall surveillance and video capture at high definition. Key to the DCS-8300LH's total single-room coverage is the built-in de-warping technology which takes what would otherwise be a distorted image and 'straightens' it to be as the eye would see it. And all in crystal-clear 1080-pixel full HD clarity, whether the capture is a still snapshot or a video. When it comes to catching criminals, the clearer the image the better the chance of capture...

On top of the amazing field of view, our greatest camera also comes with comprehensive day/night surveillance thanks to the 5-metre range infrared LEDs, and with PIR sensors this diminutive beauty can detect motion (and sound) even in complete darkness. Add in Wireless connectivity for anywhere placement, a microSD* card slot for on-board recording and you can access settings and recorded content from anywhere in the world through the mydlink Home app on your tablet or smartphone.

*microSD card not included

Product Highlights

- **1080p Full HD capability.** The clearest picture, the brightest image.
- **Easy set-up.** Simply follow the in-app set-up wizard to connect the camera without needing a computer or wiring it up to your router.
- **mydlink Home app-enabled.** Use the free mydlink Home app to set up and view what your Panoramic Full HD Camera sees, using your tablet or smartphone to control it wherever you are in the world.
- **Wireless connectivity.** Allows for placement anywhere in your home where you have wireless coverage.
- **Motion and sound detection with night vision.** Never miss a thing with the ability to be notified when motion or sound is detected, and high-definition night vision ensures clear images even in low-light or complete darkness, so you can always see what the Panoramic Full HD Camera sees.



See More with Wide-Eye Technology...



For illustrative purposes only.

* Camera design and specifications are subject to change without notice

Click on the product image for more information



Monitor 360
DCS-5010L

mydlink Home Monitor 360

Monitoring what's going on in your home, day or night, from wherever you are in the world has never been so easy. Now, peace of mind and simplicity of set-up and use have come together in perfect harmony. The mydlink Home Monitor 360 (DCS-5010L) adds mechanical pan/tilt and digital zoom to its security repertoire, making it perfect for larger rooms or more open spaces.

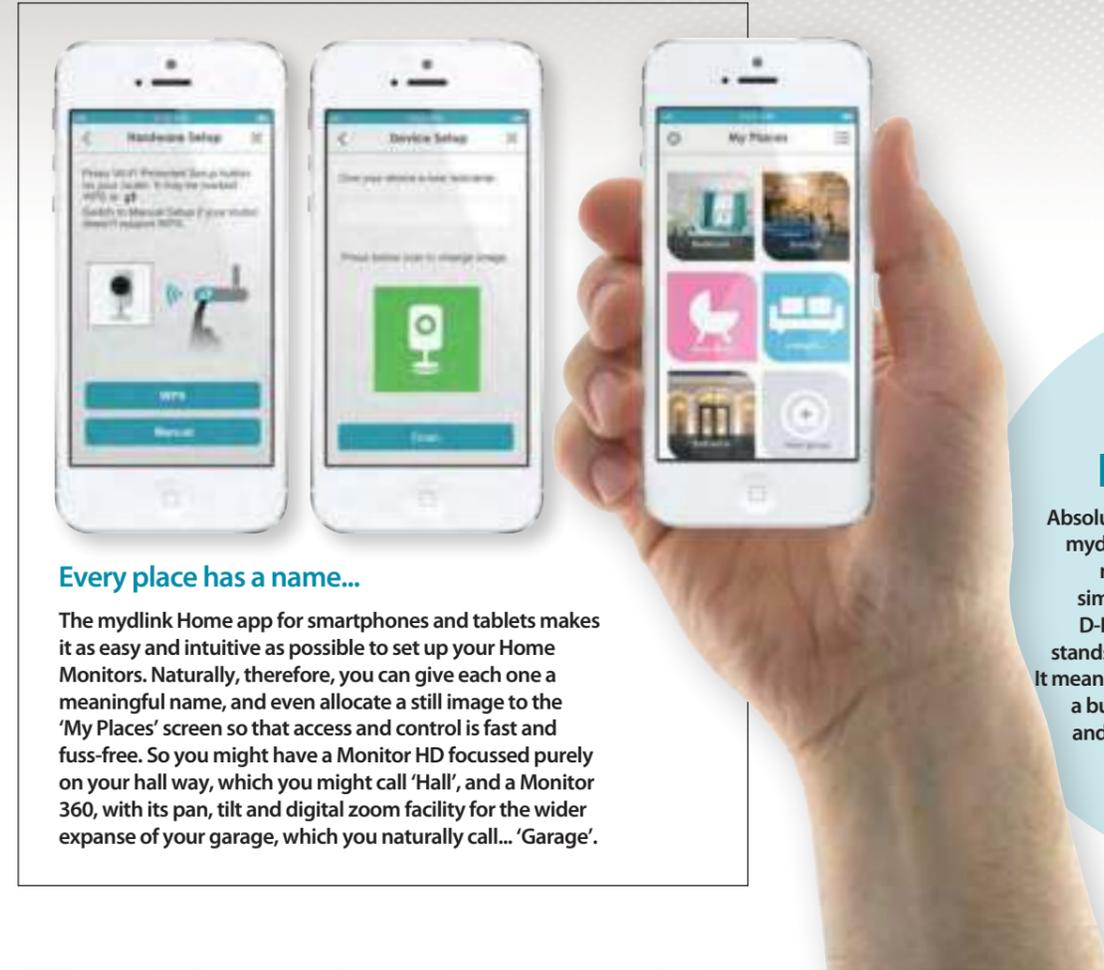
With built-in wireless capability, there is no need for extra wires (though an Ethernet connection is available if you want it), and since it can act as a wireless network extender it helps to eliminate deadspots in your home's wireless network as well. The beauty of D-Link's video surveillance hardware and smartphone/tablet apps is that once set up you can 'forget' about them, safe in the knowledge that they are permanently active, always ready for any time you want to check in, and will kick in and do their job automatically if you have set them to do so. That's where motion detection comes in. So if the Monitor 360 detects motion in the dead of night, it can be set to automatically alert you.

Product Highlights

- **mydlink Home app-enabled.** Use the free mydlink Home app to view what your Monitor 360 sees, using your tablet or smartphone to control it wherever you are in the world.
- **Motion detection with night vision.** Never miss a thing with the ability to be notified when motion is detected, and night vision ensures clear images even in low-light conditions, so you can always see what the Monitor 360 sees.
- **Wireless connectivity.** The latest in Wireless technology gives you increased speed, range and reliability, allowing for placement anywhere in your home where you have wireless coverage.

This Product is Perfect For...

...a modern home with a good wireless signal, and where viewing a large room or open space is a pre-requisite



Every place has a name...

The mydlink Home app for smartphones and tablets makes it as easy and intuitive as possible to set up your Home Monitors. Naturally, therefore, you can give each one a meaningful name, and even allocate a still image to the 'My Places' screen so that access and control is fast and fuss-free. So you might have a Monitor HD focussed purely on your hall way, which you might call 'Hall', and a Monitor 360, with its pan, tilt and digital zoom facility for the wider expanse of your garage, which you naturally call... 'Garage'.



Can I add more than one camera to my home surveillance set-up?

Absolutely, you can have multiple mydlink Home Monitors in your network, and set-up is really simple, especially if you have a D-Link router with WPS, which stands for Wi-Fi Protected Set-up. It means, essentially, that you press a button on each of the devices and the connection takes place automatically. You can then use our smartphone app to customise your settings.



Click on the product image for more information

The next generation of Home Automation devices, available now

The continually expanding range of D-Link's Smart Home technology includes the mydlink Home Smart Plug, Wi-Fi Motion Sensor and three Wi-Fi-connected cameras – the Monitor HD 360, Monitor HD and Monitor 360. Between them they offer almost limitless possibilities to control and monitor a home. Additional to these 'base' devices is a range of mains- and battery-powered sensors and sirens which bring even more control and protection. Naturally, they all play nicely together...

mydlink Home Connected Home Hub (DCH-G020)

In this avant guard technology revolution, D-Link leads the way with its extended range of smart plugs, monitors, sensors and sirens, a complete, carefully conceived collection of devices which provide immense home automation flexibility and capability. And with D-Link's Home Talk technology, of course they all communicate together seamlessly to ensure easy set-up and optimal connectivity...

Central to this set-it-and-forget-it communication capability is the Connected Home Hub (DCH-G020), which allows all mydlink Home products to interact and communicate with each other. It uses radio frequencies, and since it has a very low power requirement some of the devices can be battery powered; as a result they can be fitted discretely where mains power is not available such as on window or door frames, on cupboard doors and so on. And it's the Home Hub that ties them all together, keeps them talking and enables even more home automation than ever before. And with the mydlink Home app, devices can be added to your home 'security' network with the simple scan of a QR code. So now you really can have a fully automated home, with none of the traditional costs or hassles.

Product Highlights

- **Wi-Fi connection.** The Connected Home Hub acts as the link between your existing Wi-Fi network and all mydlink Home devices.
- **Two x Fast Ethernet ports.** Designed for connecting the Home Hub to your existing router, you can also provide Internet connectivity to your TV, PC, Games Console or NAS.
- **Connected Home device profile management.** Set unique profiles and groups according to connected device, location within your home and other criteria for added convenience.

With the mydlink Home app, devices can be added to your home 'security' network with the simple scan of a QR code.

This Product is Perfect For...

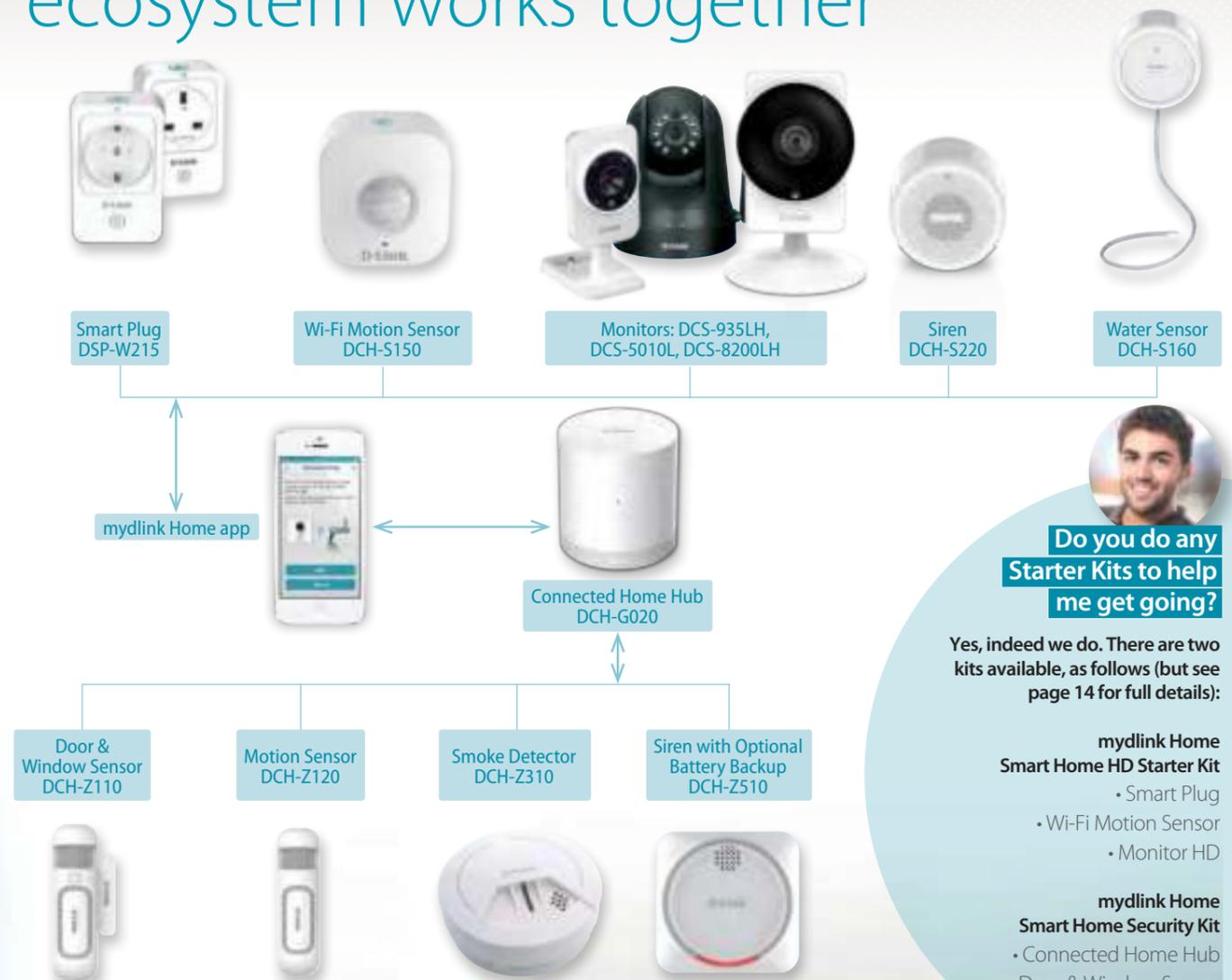
...connecting the new range of mydlink Home sensors, detectors and sirens to your Wi-Fi network so that you have ultimate control and protection over your entire home.



Connected Home Hub DCH-G020

[Click on the product image for more information](#)

How the mydlink Home ecosystem works together



Do you do any Starter Kits to help me get going?

Yes, indeed we do. There are two kits available, as follows (but see page 14 for full details):

- mydlink Home Smart Home HD Starter Kit**
- Smart Plug
 - Wi-Fi Motion Sensor
 - Monitor HD

- mydlink Home Smart Home Security Kit**
- Connected Home Hub
 - Door & Window Sensor
 - Siren • Monitor HD



Are all your doors and windows safely protected?



You might have window locks on all your windows, but it is possible that one day you will go out and leave them unlocked. Add even more protection with the mydlink Home Door & Window Sensor. Place one on every openable window or door and, if contact is broken, you can be alerted. Not only alerted by email or 'push' notification, but a siren could go off, an alarm could activate or a monitor could be triggered to begin recording video...



Door & Window Sensor DCH-Z110

mydlink Home Door & Window Sensor (DCH-Z110)

The Door & Window Sensor is a mighty marvel in a tiny package. Or strictly speaking two tiny packages, one much smaller than the other. Install the Sensor and its partner magnet on any door or window and you then have a raft of options to help automate your home or keep you notified of conditions. How? Well, the main sensor features not one but three 'sensors' – the open/close contact, but also an ambient light sensor and a temperature sensor.

Its principle purpose is, as the name suggests, to act as a sensor on doors or windows, specifically to check if they are opened (in other words if the contact is broken) and alert you in some way, or trigger an action, if that is the case. The ways are many and varied; initially it can send you a message via SMS or email that the window/door has been opened, but it could then, via the Smart Plug, switch on a light, or sound a siren alarm (or both), or trigger video recording using a Monitor. And using the ambient light sensor you'd be able to tell if your son has left his bedroom light on (again), or the temperature sensor could tell you if your house is a touch too cold even before you get home, so you can remotely switch a heater on.

All this is made possible thanks to D-Link's Connected Home Hub which links together the full range of mydlink Home devices into a cohesive package of easy-to-set-up home automation. It's intuitive, it's convenient and all you need is the free app on your iOS or Android smartphone or tablet.

Product Highlights

- **3-in-1 Sensor: Contact, Temperature, Light Level.** Attach to a door or window in your house, and switch your lights or cameras on or off whenever it is opened.
- **Seamless Connected Home Integration.** Connect to your mydlink Connected Home Hub using D-Link's unique protocol, ensuring optimal compatibility.
- **Sets Up in Minutes.** Use the intuitive mydlink Home app for your smartphone or tablet to get your home automated in a matter of minutes.
- **Battery powered.** Place it wherever you want. Battery lasts up to two years.

Detect motion, discretely, just about wherever you want

Deploy one (or more) of these cute little detectors anywhere around your home, set it up (intuitively, easily, within minutes) and you will be rushing headlong into a world of home automation that just works. Thanks to D-Link's Cloud infrastructure and hardware/software integration you have a smart home ecosystem that is not only head and shoulders above the competition, but light years ahead.



Motion Sensor DCH-Z120

mydlink Home Motion Sensor (DCH-Z120)

The Motion Sensor's primary function is, as its name suggests, to detect motion. Being small and discrete (less than 4in high and barely an inch wide) it can be placed almost anywhere.

Naturally, sensitivity can be set (using the free mydlink Home app), and detected motion can then trigger action such as a light being switched on, one of the Sirens being triggered with email or push notification to your smartphone, or a mydlink Cloud camera could begin recording the scene. Being battery powered you are free to place it anywhere (no mains power is required), and it links directly to the mydlink ecosystem through the Connected Home Hub so you can integrate it totally into the D-Link automated home ecosystem.

Just as with the Door & Window Sensor, it also incorporates light and temperature sensors and with AES 128-bit encryption and an anti-tamper switch, the built-in security is robust enough to prevent potential 'attackers' from disrupting the connection between the sensor and your Connected Home Hub.

Product Highlights

- **3-in-1 Sensor: Motion, Temperature, Light Level.** Attach anywhere in your house and switch on lights or mydlink Cloud cameras whenever someone is nearby.
- **Seamless Connected Home Integration.** Connects easily to your mydlink Connected Home Hub using D-Link's unique protocol, ensuring cross-device compatibility.
- **Sets Up in Minutes.** Use the intuitive mydlink Home app for your tablet or smartphone to get your home automated in a matter of minutes.
- **Battery powered.** Place it where you want. Battery lasts up to two years.

Where might you use the Door & Window Sensor?

#1 All your doors and windows...

Pop one of these on the inside of every window or door that could give access to your home, and set it to notify you when the contact is 'broken', and you can rest safe in the knowledge that you will always get a notification on your phone if any window or door is opened unexpectedly, whether you're home or not. This is the ultimate in peace of mind whether you're off to the shops or heading away on holiday.

#2 On your garage door...

Of course the Door & Window Sensor is flexible enough to be placed anywhere. Thanks to its battery power and radio wave technology, you could use one on your garage door (provided it's close to where you have placed your Connected Home Hub). And of course because it links to the entire mydlink Home ecosystem, it can be set to activate either one of the mydlink Sirens if an 'opening' is detected. Which makes it super flexible.

#3 Door on your medicine cabinet...

If you've got little ones, you want to keep them permanently safe, but you can't be watching them every minute of the day. So fit a Door & Window Sensor on the inside of your medicine cabinet door, and know that you will be alerted, thanks to D-Link's clever Home Talk technology, if little hands try to get somewhere they shouldn't. What price would you put on your child's safety?

#4 The possibilities are almost endless...

The possible uses for your Door & Window Sensor are limited only by your imagination... Basement trap doors, gun cabinets, alcohol cupboards, safes, wine fridges, cellar doors – you name it, if it can be opened, it can be protected. And because the D-Link system is totally integrated, you can do so much more, like set off alarms, be notified by email or begin video recording.



What makes the mydlink Home range so special?

It's quite simple really! Because the mydlink Home range of products have been designed to work cohesively together, they all talk to each other seamlessly to ensure that you have a complete home automation system that just works, and works the way you want it to.

Click on the product image for more information

Click on the product image for more information



Peace of mind when you're at home. Knowledge, too, when away

We all know the benefits of a smoke detector, but what if you could link your smoke detector to your home automation system so that you would know it was going off even when you're away? Well now you can!

mydlink Home Smoke Detector (DCH-Z310)

When it comes to peace of mind at home, a smoke detector is high up the list of priorities. But supposing you are away from home when it goes off? Is it just your teenage son burning the toast (again!) or a genuine fire? In other words, is your house in danger or not?

The Smoke Detector links via the Connected Home Hub to the entire network of mydlinkHome devices, so not only will the alarm itself go off with its piercing 85 dB sounder, but (once you've set it up) it will, for example, set off another Siren elsewhere in your house and/or send you an instant notification to your smartphone. That knowledge could save your home. An immediate check on the connected mydlink Home Monitor will confirm or not that your house is indeed on fire and the brigade can be called immediately. Or not, if it's just a piece of smoky toast...

Deploy one of these wherever there might be the danger or possibility of fire and you can rest safe in the knowledge that your home is even better protected than with a standard alarm.



Smoke Detector
DCH-Z310

Product Highlights

- **A Versatile Early Warning System.** The built-in alarm alerts you whenever smoke is detected, and can trigger cameras and push notifications when you're away.
- **Seamless Connected Home Integration.** Connect to your mydlink Connected Home Hub using D-Link's unique protocol, ensuring optimal compatibility.
- **Sets Up in Minutes.** Use the intuitive mydlink Home app to get your home automated in a matter of minutes.
- **Battery powered.** Place it wherever you want.

Hear the sounds of your automated home

Sometimes you need to know that something has happened in or around your home (good or bad), and a siren can be the perfect way to be notified, or even to act as a deterrent. If an intruder breaks in and hears an alarm, the chances are they will scarpers swiftly. Just another way that D-Link is helping to protect the things and the ones you love.

mydlink Home Siren with Optional Battery Backup* (DCH-Z510)

Diminutive in stature but big on noise, the Siren With Optional Battery Backup is perfect for instances where you want a trigger from one of the other mydlink Home products to be accompanied by an audible alarm. With six different siren sounds up to 110 dB, this could, for example, be anything from an intruder alarm based on a door or window opening (when used with the Door & Window Sensor) to a 'visitor on the doorstep' (when used with the battery-powered Motion Sensor).

Using the same robust security features (such as 128-bit encryption) as other members of the mydlink range, this mains-powered wireless Siren can be positioned wherever you have power and set to activate on just about any 'trigger' thanks to its tight-knit integration with the entire mydlink Home ecosystem – a case of hardware and software working in perfect harmony.

Using the free mydlink Home app for smartphones and tablets, the Siren is really easy to set-up and integrate into your home network whenever an event occurs, and since it is fully customisable, the sound can be tailored to the event, so you'll know the difference between one and another.



Siren with Optional Battery Backup
DCH-Z510

How might you use the Siren?

#1 Set-up as an intruder alarm

In conjunction with the Door & Window Sensor (or indeed with either Motion Sensor), you can set the Siren to activate in the event of a door or window being opened unexpectedly or motion being detected. And thanks to the mydlink Home app, you can also receive notification on your smartphone or tablet, and view the scene via a monitor.

#2 Protect your garage contents

It's 2 am in the morning. Thieves have just broken in to your garage but, thanks to D-Link's connected home network, they've set off the Siren in your bedroom (which you've set to a specific alert sound, so you know it's not a fire). You call the police, the criminals are caught in the act and you have saved your precious possessions.

#3 Link to the Wi-Fi Water Sensor

When linked through the mydlink Home app to the Water Sensor (DCH-S160), the Siren acts as a powerful early warning system to prevent major flood damage. Suppose your basement begins to flood, but it's night time. The Siren in your bedroom three floors up can alert you and you can salvage your property before it's too late and rising water creates havoc.

Product Highlights

- **A Versatile Siren for your home.** Six different siren sounds allow you to secure your home with a loud intruder alarm, or add a simple door chime.
- **Seamless Connected Home Integration.** Connect to your mydlink Connected Home Hub using D-Link's unique protocol, ensuring optimal compatibility.
- **Sets Up in Minutes.** Use the intuitive mydlink Home app for your smartphone or tablet to get your home automated in a matter of minutes.

Don't let this happen to your home!



This product is not currently available in the UK

* Battery not included

Click on the product image for more information

Don't let flood damage ruin your home



You may have insurance to cover you in the event of a flood, but on the basis that prevention is better than cure, a Water Sensor could be your best form of defence against a rising tide of disaster.

mydlink Home Water Sensor (DCH-S160)

Water damage is one of the most inconvenient and upsetting problems to occur in your home, and if you live in a high-risk flood-prone area, then a basement is a clear natural target for water, but flooding is not always restricted to properties with basements. If you've got a washing machine then you're at risk... Install a D-Link Water Sensor next to your washing machine (it needs a normal mains electricity socket to plug into) or any other water-bearing appliance and thread the two-metre probe cord where it will detect leakage, and you will get instant early warning at 50 dB of impending disaster. And rather cleverly, the probe cord detects water along its entire length, so it is not a 'hit and miss' scenario.

Of course, being part of the mydlink Home range, this beauty does not operate alone. They say there is safety in numbers, and there are indeed a number of ways to enhance the Water Sensor's usefulness within your home. Link it (with the free mydlink Home app) to a Siren elsewhere in the house, or have it automatically notify you on your smartphone that a leakage has been detected so you can log in to your Monitor HD or Monitor 360 to see exactly what the problem might be if you are away from home. The most obvious way to integrate it, of course, is to have your washing machine plugged in to a mydlink Home Smart Plug; when water is detected, the Sensor tells the Smart Plug to switch the machine off instantly and the water supply is shut off with it. You don't necessarily have to come home to a flood. Forewarned is forearmed...

Product Highlights

- **A Versatile Early Warning System.** The built-in alarm alerts you whenever water is detected, and can trigger cameras and push notifications when you're away.
- **Sets Up in Minutes.** Support for Wi-Fi Protected Setup (WPS) means connecting the siren to your home network is just a button push away, and the intuitive mydlink Home app for your tablet or smartphone ensures you can integrate it into your automated home in a matter of minutes.



Water Sensor
DCH-S160

Don't let this happen to your home!



Click on the product image for more information

Alarm your home for more than just intruders

Having your home broken into is one of the most distressing violations of personal space imaginable, so if you could prevent the loss of your own possessions, that has to be worth it, right? But what if you could alarm your home in many ways and for many purposes all with a sensor and one other compact device? That's where this Siren comes into its own...

mydlink Home Siren (DCH-S220)

This mains-powered Siren is a 100 dB alarm device that can be linked to all and any of the rest of the mydlink Home range of home automation devices. Its one-piece wall-plug design keeps it compact and requires no additional power cables, it has Wi-Fi Protected Set-up (WPS) for one-button installation and its ability to send push notifications to your mobile device in the event of being triggered means you'll always know what's happening at home, whether you're in the next street or half-way around the world.

Its uses are many and varied. Link it to the Water Sensor for an early flood alert, pair it with a Motion Detector to act as an intruder alarm or sync it with the Smoke Detector to double the noise in the event of detected smoke or fire.

With six different alarm sounds and three different volume settings, all independently controllable and selectable based on the 'trigger', you could, for example, have the Emergency tone at 100 dB in the event of a break-in but just a gentle 60 dB 'Beep Beep' to let you know your teenage daughter is back in her bedroom safely (when paired with a Motion Sensor). So you can keep burglars at bay and ensure you get a worry-free night's sleep – all with this compact device.



Siren
DCH-S220

Product Highlights

- **A Versatile Siren for your home.** Six different siren sounds and three different volumes allow you to secure your home with a loud intruder alarm, or add a simple door chime.
- **Sets Up in Minutes.** Support for Wi-Fi Protected Setup (WPS) means connecting the siren to your home network is just a button push away, and the intuitive mydlink Home app for your tablet or smartphone ensures you can integrate it into your automated home in a matter of minutes.
- **Stay notified wherever you are.** Instantly receive push notifications on your mobile device whenever the alarm is activated.



Click on the product image for more information



Routers

The router is the piece of hardware that sits between your computer/Smart TV/tablet and the outside world. It requires a wired connection to a junction box in your home where either your phone line comes in, or where your cable/fibre broadband supplier has mounted the entry box.

In essence the router passes packets of information from one device to another. OK – that’s as techy as we’re going to get, because you don’t need to know how a router works. You just want to know that it does.

D-Link offers a huge range of routers; ‘why so many?’ you might ask. Well the answer’s simple. Not everyone wants the same thing. A router is not a one-size-fits-all device, but is tailored to its intended task, and while they all do essentially the same thing, they do it in very different ways.

What do I need to consider when buying a router?

Speed – what will you be doing?

If all you plan to do is visit websites and check email, then you’ll probably only need an ‘N’ standard router. If you want to stream movies or music, go for an ‘AC’ standard. Wireless AC-equipped routers are faster and offer dual-band facility, meaning they operate at both N speeds and AC speeds. An AC router is also future-proof – you’ll not need to buy a new one for a long time... And of course if you’ve got yourself an iPhone 6 or 6 Plus, you’ll need a Wireless AC router to take full advantage of its extra wireless speed capability.

Dual or single band?

If you happen to live in an urban environment where there are other Wi-Fi networks close by, it may well be worthwhile considering a dual-band router. These allow you to connect with less wireless interference, ensuring you get better coverage and speed.

Lots of devices to connect?

Do you have a home full of people, always on the Internet, texting, chatting, watching movies, playing games, working and generally all needing to be connected on their computers, tablets, games consoles and smartphones? If so, then you’ll really appreciate the benefits of a router with SmartBeam technology.

What’s in this Section...

42 Wireless AC Routers >>

The fastest routers on the market, these will enable you to share and stream media around your home (or beyond) without buffering, lag, dropped connections or the frustrations of slow-speed Internet.

47 Wireless N Routers >>

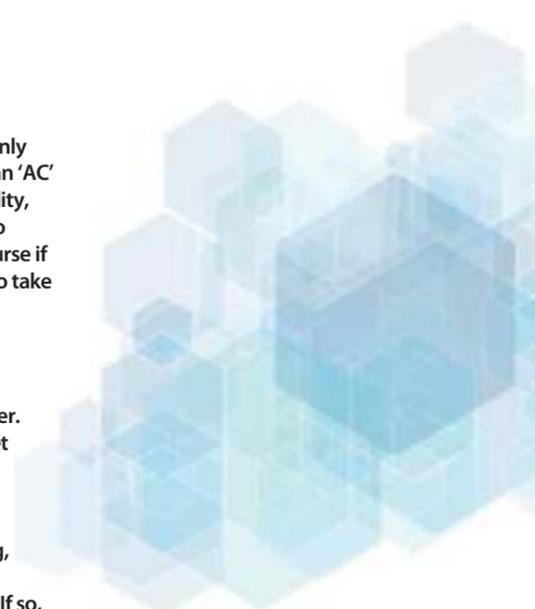
One level down (in terms of speed) from Wireless AC, these are perfect if what you want is a secure, stable Internet connection for all your wireless (and wired) devices but without the need for other-than-very-occasional media streaming. In other words great for email, web browsing and photo sharing.

48 ADSL Modem Routers >>

All-in-one devices with built-in modem, for a complete, easy, one-box Internet connection.

49 Portable Routers >>

These are perfect for those moments when you’re travelling but still need to maintain contact with the world on all your devices, share your files and charge your USB-powered phones and tablets.



Wireless AC Routers

Wireless AC is the next generation of Wi-Fi, and it has been designed with three things in mind: much higher speeds, wider coverage and better sustained performance with a larger number of devices. So you can say goodbye to buffering and dead spots and say hello to whole-home coverage, seamless performance on all your devices and blazing-fast speeds.

DIR-895L AC5300 MU-MIMO Ultra Wi-Fi Router

Create a blazing fast home network that connects all of your computers and mobile devices to your broadband Internet connection. Newly introduced SmartConnect technology ensures that older wireless devices do not degrade the overall performance of the DIR-895L and allows wireless AC devices to have a total throughput of 5300 Mbps over 3 dedicated Wi-Fi bands. Advanced AC SmartBeam technology also brings you the future of high-bandwidth wireless connectivity, vastly increasing the speed and coverage of your network.



ULTRA

PERFORMANCE SERIES



This Product is Perfect For...

...multiple connected devices streaming 4K/HD video, making Internet video calls, gaming and surfing the Internet from every corner of your home, simultaneously and without interruption.

Product Highlights

- **Ultimate wireless speed.** Revolutionary technology provides combined wireless speeds of up to 5.3 Gbps.
- **Extended coverage with advanced AC SmartBeam.** Dramatically improves the wireless range, allowing you to watch HD movies, transfer files and browse the Internet with more devices, simultaneously.
- **mydlink-enabled.** Control and manage your network wherever you are over the Internet, as well as stream and share media files through the free mydlink SharePort app.
- **Easy set-up and installation.** Web-based touch screen enhanced set-up wizard and configuration allows you to set up your network without turning on a computer.

DIR-890L AC3200 Ultra Wi-Fi Router

The AC3200 is a high-end 11AC router with best-in-class performance, style and easy-to-use, innovative features. Features such as Smart Connect Technology to allocate slower and faster Wi-Fi bands to different devices according to need and use, and Beam-Forming for longer range and more reliable connectivity. And it's all wrapped up with a smooth UI (desktop and mobile) to make set-up and use simpler, more intuitive, less demanding. This is one of the fastest, smartest routers we have ever built.



DIR-885L AC3150 MU-MIMO Ultra Wi-Fi Router

The DIR-885L delivers the ultimate performance customers are expecting today for the most demanding tasks, like 4K video streaming, gaming and multiple device usages. Featuring the next generation Wireless AC with breakthrough dual-band Wi-Fi technology, the DIR-885L offers amazing combined wireless speeds of up to 3.15 Gbps. 4x4 data streams combined with MU-MIMO technology and Advanced AC SmartBeam dramatically increases reliability and range.



DIR-880L Wireless AC1900 Dual-Band Gigabit Cloud Router with Advanced AC SmartBeam

The DIR-880L is among D-Link's best routers, a top-end do-everything device and is perfect if you insist on the best. It offers the ultimate wireless connectivity with combined wireless speeds of up to 1.9 Gbps, Advanced AC SmartBeam to provide the best possible device-focussed wireless coverage, and superior technology to efficiently and automatically distribute your Internet bandwidth to all connected devices. The touchscreen-enhanced web-based set-up wizard allows you to easily configure the router using a smartphone or tablet, and it's mydlink enabled, which allows you to control and manage your network wherever you are over the Internet (even away from home), as well as stream and share media files through the free mydlink SharePort app.



DIR-868L Wireless AC1750 Dual-Band Gigabit Cloud Router with AC SmartBeam

Get ready to be wowed. We've combined the latest Wireless AC technology and AC SmartBeam technology to give you supersonic wireless speeds in every corner of your home, even when several devices are being used at the same time. Everyone can enjoy smooth video streaming, online gaming, or even Internet calls simultaneously without interruption.



DIR-860L Wireless AC1200 Dual-Band Gigabit Cloud Router with AC SmartBeam

Connect to a new generation of speed, coverage, and efficiency, enjoy speeds up to three times faster* than Wireless N and get a reliable connection in every corner of your home. You can ensure that everyone in your household gets all the bandwidth they need.



DIR-850L Wireless AC1200 Dual-Band Gigabit Cloud Router

By upgrading your network to Wireless AC, you will immediately enjoy the benefits of faster wireless speeds and increased home coverage. With combined wireless speeds up to 1200 Mbps, you get Gigabit wireless networking without breaking the bank. Delivering Gigabit Ethernet, and USB 2.0 port with mydlink SharePort, you can backup and access files in your personal cloud storage from anywhere in the world.



*When compared with Wireless N300



Here are some pointers to help you understand the techy jargon...

• **Wireless data throughput speeds are measured in Mbps (megabits per second) or Gbps (gigabits per second). 1 Mbps = one million bits per second. 1Gbps = one thousand megabits per second. One bit is a single piece of binary data (a 0 or a 1). Not to be confused with a byte, which is eight bits. Mbps is not the same as MBps (megabytes per second).**

• **Dual-Band means this router operates on both the 2.4 GHz and less-crowded 5 GHz bands. Not all computers or devices can access the 5 GHz band, but if yours can you will find that things move that much faster. And if your computer can't, why not add a Wireless AC dongle so that you can? See page 78 for full details.**

• **LAN stands for Local Area Network – local because it is within your walls. Ethernet is the hard-wire standard for joining devices together with a physical wired connection. Fast Ethernet transfers data at up to 100 Mbs; Gigabit Ethernet is 10 times faster at up to 1000 Mbs. The cables used to connect using Ethernet sockets are sometimes referred to as Cat-5, Cat-6 or Cat-7, or RJ45.**

Q&A

Q) I have an older house with thick stone walls but I still want to connect wirelessly. What D-Link router should I use?

A) This is quite a common problem, but it's one for which we specifically designed our SmartBeam technology, so look for a router with this symbol.



It means the router provides a stronger, more focussed signal to get through the 'obstacles' found in older buildings.

DIR-869 AC1750 Wi-Fi Router Coming soon

The EXO-Series DIR-869 combines style and performance, offering the latest in antenna technology to give you better than ever home Wi-Fi coverage. The latest dual-band Wireless AC technology offering combined Wi-Fi speeds of up to 1750 Mbps whilst antennas with high-power signal amplifier provides a reliable connection as well as faster transfer speeds to all your devices. SmartConnect technology automatically allocates the best band to each device for optimal performance.



DIR-859 Wireless AC1750 Dual-Band Gigabit Router

The DIR-859 is an affordable yet powerful Wi-Fi router with the latest high-speed, dual-band Wireless AC technology and Gigabit Ethernet connectivity. Connect all your devices to the Internet, whether it's your smart TV, games console, desktop as well as notebooks, tablets and smartphones all around your home. It's incredibly easy to set up and comes with built-in firewall to help protect your home network from hackers.



DIR-842 AC1200 Dual-Band Gigabit Router

The D-Link Wireless AC1200 Dual-Band Gigabit Router gives you blazing fast wireless speeds and whole-home coverage. Connect desktops, laptops, tablets, smartphones, gaming consoles and more throughout your home and enjoy the benefits of a high-speed wireless and wired network. Thanks to dual-band (2.4 GHz and 5 GHz) technology, you can enjoy data transfer speeds of up to 1200 Mbps, and with D-Link's free QRS (Quick Router Setup) Mobile App, set-up is quick, simple and intuitive.



DIR-809 AC750 Dual-Band Router

The DIR-809 is an affordable yet powerful wireless networking solution which combines the latest high-speed 802.11ac Wi-Fi specification with dual-band technology and Fast Ethernet ports to deliver a seamless networking experience. The increased range and reliability of wireless AC technology reaches farther into your home, and the DIR-809's advanced security features keep your network and data safe from intruders.



DIR-879 AC1900 Wi-Fi Router Coming soon

Here is a router that you would be proud to display as the centrepiece in your living room, with its striking industrial design and colour accent. Get even more Wi-Fi coverage throughout your home with the latest antenna technology. Antennas with high-power signal amplifiers maximise Wi-Fi coverage for a reliable connection, unparalleled performance and faster transfer speeds. Combined wireless speeds of up to 1.9 Gbps together with Advanced AC SmartBeam automatically distribute your Internet bandwidth to all connected devices.



Product Highlights

- **Superior Wi-Fi Performance.** AC1900 for Gigabit Wi-Fi speeds.
- **High Power Amplifier.** Wider coverage throughout your home.
- **SmartConnect.** Allocates the best possible band for optimal performance
- **Quality of Service.** Traffic optimisation delivers the right bandwidth.
- **Intuitive User Interface.** Controlling your network is easier than ever.
- **Advanced AC SmartBeam.** Tracks your connected devices for enhanced Wi-Fi speed and range.



When you say I can connect a 'device' to an Ethernet port on the router, what do you mean?

By 'device' we mean something like a Smart TV (which needs an Internet connection), a laser printer with a network (Ethernet) port, a games console, storage hard drive for safe keeping and sharing of files, etc.



This Product is Perfect For...

...creating a high-end home network to connect multiple devices and stream high-definition media.

Q&A

Q) What do you mean when you talk about mydlink SharePort?

A) By plugging a USB storage device into your mydlink SharePort-equipped D-Link router, you can then use the SharePort app on a smartphone or tablet to access your documents, pictures, music etc) from anywhere with an Internet connection. It really doesn't get any easier...



Click on the product image for more information

Click on the product image for more information

Wireless AC Routers Comparison Tables



Model	DIR-895L	DIR-890L	DIR-885L	DIR-880L	DIR-868L	DIR-860L	DIR-850L
Wireless Standard	Wireless AC 802.11ac/n/g/b/a	Wireless AC 802.11ac/n/g/b/a	Wireless AC 802.11ac/n/g/b/a	Wireless AC 802.11ac/n/g/b/a	Wireless AC 802.11ac/n/g/b/a	Wireless AC 802.11ac/n/g/b/a	Wireless AC 802.11ac/n/g/b/a
Wireless Speed	2 x 2167 Mbps 5 GHz 1000 Mbps 2.4 GHz	2 x 1300 Mbps 5 GHz 600 Mbps 2.4 GHz	2167 Mbps 5 GHz 1000 Mbps 2.4 GHz	1300 Mbps 5 GHz 600 Mbps 2.4 GHz	1300 Mbps 5 GHz 450 Mbps 2.4 GHz	867 Mbps 5 GHz 300 Mbps 2.4 GHz	867 Mbps 5 GHz 300 Mbps 2.4 GHz
Tri-Band	•	•					
Dual-Band			•	•	•	•	•
MU-MIMO	•	•	•				
AC SmartBeam Technology	•	•	•	•	•	•	
WAN Speed	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
Compatible with Cable/Fibre Modems	•	•	•	•	•	•	•
LAN Speed	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
Number of LAN Ports	4	4	4	4	4	4	4
USB Port	• 1 x 2.0, 1 x 3.0	• 1 x 2.0, 1 x 3.0	• 1 x 2.0, 1 x 3.0	• 1 x 2.0, 1 x 3.0	• 1 x 3.0	• 1 x 3.0	•
mydlink-Enabled	•	•	•	•	•	•	•
SharePort Mobile Technology	•	•	•	•	•	•	•
DLNA Media Server	•	•	•	•	•	•	•
Smart QoS Technology	•	•		•	•	•	•



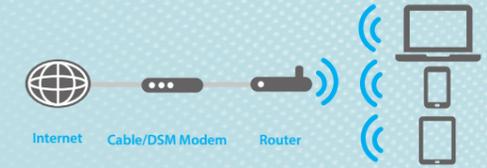
Model	DIR-879	DIR-869	DIR-859	DIR-842	DIR-809
Wireless Standard	Wireless AC 802.11ac/n/g/b/a	Wireless AC 802.11ac/n/g/b/a	Wireless AC 802.11ac/n/g/b/a	Wireless AC 802.11ac/n/g/b/a	Wireless AC 802.11ac/n/g/b/a
Wireless Speed	1300 Mbps 5 GHz 600 Mbps 2.4 GHz	1300 Mbps 5 GHz 450 Mbps 2.4 GHz	1300 Mbps 5 GHz 450 Mbps 2.4 GHz	867 Mbps 5 GHz 300 Mbps 2.4 GHz	433 Mbps 5 GHz 300 Mbps 2.4 GHz
Dual-Band	•	•	•	•	•
AC SmartBeam Technology	•				
Extended Coverage	•	•			
WAN Speed	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Fast Ethernet
Compatible with Cable/Fibre Modems	•	•	•	•	•
LAN Speed	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Fast Ethernet
Number of LAN Ports	4	4	4	4	4
USB Port					
mydlink-Enabled					
SharePort Mobile Technology					
DLNA Media Server					
Smart QoS Technology	•	•	•	•	•

WAN & LAN Speeds: Fast Ethernet = 10/100BaseT. Gigabit = 10/100/1000BaseT

Click on the product image for more information

Wireless N Routers

Your router is the heart of your home network. All of your digital devices connect to it wirelessly, via Ethernet or PowerLine (our clever technology which uses your home's mains electricity cables to create an extended network). Wireless N Routers give you good wireless speeds and coverage around your home. Installing a D-Link router couldn't be simpler; just follow the step-by-step installation wizard included in the box and you'll be up and running in no time.



DIR-605L Cloud Router N300

This cloud router lets you monitor your home network – from anywhere, anytime – ideal for families wanting extra peace of mind while getting great wireless performance. Also includes four Fast Ethernet ports which let you connect up to four wired devices for super-fast connections.



DIR-600 Wireless N150 Home Router

A straightforward, no-frills approach to getting on the 'net, this router allows you to share your broadband Internet connection between multiple computers in your house. Once connected, you can create your own personal wireless home network to share documents, music and photos, so it's perfect if all you want is a basic Internet connection.



GO-RT-N300 Wireless N300 Easy Router

The GO-RT-N300 creates a high-speed home network with wireless speeds of up to 300 Mbps for fast file transfers, seamless web surfing and smooth online gaming. It also has a unique Repeater Mode, which allows you to extend the range of your existing wireless network, thereby boosting the signal into the furthest corners of your home.

Wireless N Routers Comparison Table



Model	DIR-605L	DIR-600	GO-RT-N300
Wireless Standard	Wireless N 802.11n/g/b/a	Wireless N 802.11n/g/b/a	Wireless N 802.11n/g/b/a
Wireless Speed	300 Mbps 2.4 GHz	150 Mbps 2.4 GHz	150 Mbps 2.4 GHz
Dual-Band			
WAN Speed*	Fast Ethernet	Fast Ethernet	Fast Ethernet
LAN Speed*	Fast Ethernet	Fast Ethernet	Fast Ethernet
Number of LAN Ports	4	4	4
mydlink-enabled	•		
Smart QoS Technology	•	•	•

*WAN & LAN Speeds: Fast Ethernet = 10/100BaseT. Gigabit = 10/100/1000BaseT

Click on the product image for more information

Q&A

Q) WPA? WPA2? What does that mean?

A) WPA stands for Wi-Fi Protected Access and is, essentially, a certified security protocol developed by the Wi-Fi Alliance (the trade association promoting Wi-Fi technology) to ensure that your wireless network is safe from hackers. All D-Link routers employ WPA2, which is the latest version of the protocol. Basically, it means that if you password-protect your wireless network (which we always recommend), then your stuff is safe and no-one can hack into your network. With D-Link routers you can also 'hide' your wireless network, so other people won't even know it exists, but it will still always be there for you.



What does USB stand for?

USB stands for Universal Serial Bus. It is the commonest form of peripheral attachment, essentially enabling the transfer of digital data from one device to another, and comes in two speeds. USB 2.0 is still the most common, but USB 3.0 is becoming more prevalent and offers speeds up to 625 MBps, about 10 times faster than USB 2.0.

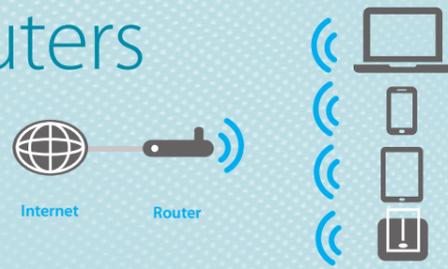


What exactly do you mean by Wireless Standard?

Routers follow a set of standards. Over the years, those standards have evolved from the earliest 802.11a, through b, g, n to the latest 802.11ac. What does this mean to you? If you want the fastest data transfer rates, you need to go for a router with 802.11ac (fastest) or 802.11n (fast) spec.

VDSL/ADSL Modem Routers

These routers offer the all-in-one complete Internet solution. With a built-in VDSL/ADSL modem for both wireless and Ethernet cable connectivity, there is no need to purchase a separate modem, meaning fewer cables and less clutter. They are also quick and easy to configure so you'll be up and running in next to no time.



DSL-3782 Wireless AC1200 Dual-Band VDSL/ADSL2 Modem Router

An all-in-one router with integrated VDSL/ADSL modem, supporting download speeds of up to 100 Mbps and the latest dual-band Wireless AC technology. With firewall protection, Quality of Service (QoS) and 4 Fast Ethernet ports, it provides all the functions that a home needs to establish a secure and high-speed connection to the Internet.



Wireless AC UPnP

DSL-3682 Wireless AC750 Dual-Band VDSL/ADSL2 Modem Router

The DSL-3682 Wireless AC750 Dual-Band VDSL/ADSL2 Modem Router provides high-speed Internet and wireless coverage to Wi-Fi devices in your home. With concurrent dual-band 802.11ac, it brings you the future of high-bandwidth wireless connectivity.



Wireless AC UPnP

DSL-3590L Wireless AC1900 Dual-Band Gigabit ADSL2+ Modem Router

This is possibly the most advanced one-piece modem router available. Easy to set-up, secure and blazing fast, the DSL-3590L offers a total solution to enable you to connect and share your Internet connection with multiple users in your home. Management of and access to files in the cloud is a breeze, and the wireless signal is second to none.



Wireless AC mylink UPnP AC SMART

DSL-2750B/DSL-2751 Wireless N300 ADSL2+ Modem Router (Annex A or B/J)

The ideal Internet gateway for users that get their Internet connection through old fashioned copper cables, this router connects directly to your telephone line without the need for a separate ADSL modem. With Wireless N speeds of up to 300 Mbps and mylink SharePort Technology for easy file sharing, this router is suitable for users that want the most out of their home network.



DSL-2745 Wireless N300 ADSL2+ Modem Router

Create a wireless network to share high-speed Internet, stream music, and play online games across your home. The DSL-2745 with integrated ADSL modem allows you to connect directly to your phone line. It supports Wireless N300 technology to provide better reception and greater wireless coverage.



DSL-320B/DSL-321B ADSL2+ Ethernet Modem (Annex A or B/J)

This is a high-speed broadband modem which connects to any computer with an available Ethernet port, or to a broadband router to share high-speed Internet access with a group of users. Featuring the latest ADSL2/2+ standards, this modem router provides speeds of up to 24 Mbps downstream and 2 Mbps upstream. Ideal for home or office use.



Q&A

Q) There are so many acronyms with all this techy stuff. What does ADSL mean, and should I care?

A) Let's answer the second bit first. Should you care? Yes, you should. ADSL stands for Asymmetric Digital Subscriber Line – it is the term for the provision of broadband by an Internet Service Provider, and has been around since the Internet started to find its way into our homes. Why Asymmetric? Because the download speed (digital data coming into your home) is not the same as the upload speed (digital data going out of your home). And ADSL2+ is much, much faster. With the advent of quicker broadband, your ISP is providing a faster service but if you still have an ADSL modem you could be stifling your Internet connection. What's more, if your home is within two to three kilometres of the exchange, an ADSL2/2+ modem will be up to twice as quick, so yes, you really should care about those letters.

Portable Routers

When an Internet connection to the outside world is as important as an early morning cup of coffee, it's hard to do without it when you're travelling, away on holiday or for work. Well now you don't have to...

Create your own mobile 4G LTE/3G Wi-Fi hotspot on the go*

With a D-Link mobile router, you can create your own private Wi-Fi hotspot to share with multiple devices. Simply use a data SIM card or 4G LTE/3G USB dongle to share your Internet access between laptops and smartphones while on the go. The necessary drivers and other software are pre-loaded onto these routers, so to get started you just have to plug it in and work your way through a simple one-time set-up. Naturally, they can be used on both Windows laptops and Apple MacBooks, providing you with quick and easy wireless Internet connectivity.

DIR-505 Mobile Cloud Companion

A portable, multi-functional device that's small enough to fit in your pocket! This device enables you to extend and boost your wireless Internet connection, by acting as a wireless router and Wi-Fi hotspot. Using built-in cloud technology, the Mobile Cloud Companion provides wireless access to your files stored on a hard drive or flash storage device. You can even charge your mobile devices.



UPnP

DIR-518L Wireless AC Mobile Cloud Companion

In a world where sharing is everything, this is the mobile sharing king! A portable powerhouse, it will share a wired broadband connection, a mobile data connection, a Wi-Fi hotspot and even your files (if you want it to). And it will charge up your phone and tablet too. Super-speedy Wireless AC ensures you can share your stuff with ease using the mylink SharePort app.



Wireless AC mylink UPnP

DWR-116 Wireless N300 Multi-Wan Router

This multi-WAN router allows you to share superfast 4G LTE/3G mobile Internet simultaneously to your smartphone, tablet, notebook and desktop computer. With universal USB dongle support from most mobile operators, you can create a secure, high-speed, personal hotspot with wireless speeds of up to 300 Mbps, making this router the ideal solution for setting up an Internet connection for work to share with your colleagues or even when you're travelling abroad.



UPnP 3G 4G

DWR-118 Wireless AC750 Dual-Band Multi-Wan Router

The DWR-118 supports the latest, high-speed 4G LTE mobile broadband technology, allowing you to achieve blazing fast mobile broadband speeds*. In addition to this, the Wireless AC750 Dual-Band Multi-WAN Router's AC technology means that you can connect wireless clients to the router at up to 433 Mbps, with the enhanced range and reliability of the dual-band 802.11ac wireless standard.



Wireless AC 3G 4G

*Requires compatible SIM card and/or 4G LTE/3G USB dongle from mobile operator

What is your Smart QoS Technology all about?

With some routers, all wired and wireless traffic, including Voice over IP (VoIP), video streaming, online gaming and web browsing are mixed together into a single data stream. By handling data this way, applications such as streaming video may stutter, buffer or have an unstable connection. With D-Link Smart Quality of Service (QoS) technology, both wired and wireless traffic is analysed and separated into multiple data streams. Different applications like voice, video and data will be automatically detected and the transmission sequence will be automatically prioritised.

Click on the product image for more information

Click on the product image for more information

DWR-512 Wireless N150 3G 7.2 Mbps Router

This wireless router allows you to connect to wired and mobile broadband networks. You can access the Internet via your Internet Service Provider or via a 3G connection, simply by inserting a data SIM card from any operator into the SIM slot. Once connected, you and your family can share a 3G Internet connection through a secure wireless network.



DWR-921 4G LTE Router

The 4G LTE Router allows you to easily share your 4G LTE or 3G mobile broadband connection with other users. Simple to set up (just insert your SIM/USIM card), once connected you can transfer data, stream media and send SMS messages. With four Ethernet ports, this router is great for any situations where a secure wireless network is needed, or wherever conventional Internet access is unavailable.



DWR-953 Wireless AC750 4G LTE Multi-WAN Router

D-Link's DWR-953 Wireless AC750 4G LTE Multi-WAN Router allows you to access and share your super-fast 4G LTE mobile broadband with multiple devices. Once connected, you can transfer data, stream media, and send SMS messages. Simply insert your SIM card and share your 4G LTE Internet connection through a secure wireless network or by using any of the four Fast Ethernet LAN ports.



DWR-730 Mobile Wi-Fi Hotspot 21 Mbps

Connect your notebook to your mobile broadband service wherever you are in the world, and share your 3G Internet connection with other users via Wi-Fi. This battery-powered router is completely unlocked and works with data SIM cards from any operator, making it ideal if you need a portable solution, to work remotely or if you need a temporary Internet connection where there isn't even electrical power.



DWR-830 Mobile Wi-Fi Hotspot 42 Mbps

Just like its little brother, the DWR-730 above, this battery-powered router is completely unlocked and works with data SIM cards from any operator, making it ideal if you need a portable temporary Internet connection where there isn't even electrical power. But its mobile Internet connection speed is twice as fast, so it's a really good choice if you want to share your 3G Internet connection with other users via its own local Wi-Fi.



DWR-932 4G LTE Mobile Wi-Fi Hotspot 150 Mbps

The DWR-932 is a pocket-sized 4G/LTE high-speed broadband Wi-Fi mobile hotspot which uses a 4G Internet connection to give you a simple and fast Wi-Fi network anywhere you need*. Instead of limiting your mobile Internet connection to a single device through a USB dongle, the DWR-932 allows you to create a Wi-Fi hotspot to share your Internet connection with multiple devices. The portable size and battery power enable you to share your connection anywhere.



Q&A

Q) 3G? 4G? What's with all the Gs?

A) Once upon a time, mobile phones could only use GPRS (General Packet Radio Service) to send your voice signals. Sometimes it was referred to as 2G – Second Generation (1G, first generation, was the beginning, light years ago back in 1982). Then we all decided we wanted phones that could connect to the Internet, which needed faster speeds, so along came 3G. But the relentless march of technological progress brought us 4G, which essentially offers home broadband speeds in a mobile device, thus enabling media streaming and rapid file sharing with one of our 4G-capable portable routers. So if you want a portable Internet connection that is as fast as possible, you need 4G.

These Products are Perfect For...
...sharing your Internet access between laptops and smartphones while on the go.

VDSL/ADSL Modem Routers Comparison Table



Model	DSL-3782	DSL-3682	DSL-3590L	DSL-2750B/DSL-2751	DSL-2745	DSL-320B/DSL-321B
Wireless Standard	Wireless AC 802.11ac/n/g/b/a	Wireless AC 802.11ac/n/g/b/a	Wireless AC 802.11ac/n/g/b/a	Wireless N 802.11n/g/b	Wireless N 802.11n/g/b	
Wireless Speed	300 Mbps 2.4 GHz 867 Mbps 5 GHz	300 Mbps 2.4 GHz 433 Mbps 5 GHz	600 Mbps 2.4 GHz 1300 Mbps 5 GHz	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz	
Dual-Band	Yes	Yes	Yes			
WAN Speed*			Gigabit	Fast Ethernet	Fast Ethernet	Fast Ethernet
LAN Speed*	Fast Ethernet	Fast Ethernet	Gigabit	Fast Ethernet	Fast Ethernet	Fast Ethernet
Number of LAN Ports	4	4	4	4	4	1
USB Port	1 x USB 2.0	1 x USB 2.0	1 x USB 3.0, 1 x USB 2.0	•		
mydlink-enabled			•			
SharePort Mobile Technology			•	•		
AC SmartBeam Technology			•			
Integrated VDSL/ADSL2+ modem	VDSL/ADSL2+	VDSL/ADSL2+	ADSL2+	ADSL2+	ADSL2+	ADSL2+
DLNA-certified media server	•		•			
Smart QoS Technology	•	•	•	•	•	

*WAN & LAN Speeds: Fast Ethernet = 10/100BaseT. Gigabit = 10/100/1000BaseT

Portable Routers Comparison Table



Model	DIR-505	DIR-518L	DWR-116	DWR-118	DWR-512	DWR-921	DWR-953	DWR-730	DWR-830	DWR-932
WAN Type	Fast Ethernet	Fast Ethernet	Fast Ethernet or 3G/4G LTE via USB dongle	Gigabit Ethernet or 3G/4G LTE via USB dongle	3G HSPA+ via integrated SIM slot	Fast Ethernet or 3G/4G LTE via integrated SIM slot	Gigabit Ethernet or 3G/4G LTE via integrated SIM slot	3G HSUPA via integrated SIM slot	3G DC-HSPA+ via integrated SIM slot	3G/4G LTE via integrated SIM slot
Maximum WAN Speed Download/Upload	100 Mbps / 100 Mbps	100 Mbps / 100 Mbps	100 Mbps / 100 Mbps*	1000 Mbps / 1000 Mbps*	21 Mbps / 5.76 Mbps	100 Mbps / 50 Mbps	150 Mbps / 50 Mbps	21 Mbps / 5.76 Mbps	42 Mbps / 11.4 Mbps	150 Mbps / 50 Mbps
Wireless Standard	Wireless N	Wireless AC	Wireless N	Wireless AC	Wireless N	Wireless N	Wireless AC	Wireless N	Wireless N	Wireless N
Wireless Speed	150 Mbps 2.4 GHz	433 Mbps 5 GHz, 150 Mbps 2.4 GHz	300 Mbps 2.4 GHz	433 Mbps 5 GHz, 150 Mbps 2.4 GHz	150 Mbps 2.4 GHz	300 Mbps 2.4 GHz	433 Mbps 5 GHz, 300 Mbps 2.4 GHz	150 Mbps 2.4 GHz	150 Mbps 2.4 GHz	300 Mbps 2.4 GHz
Number of LAN Ports			4 x Fast Ethernet	1 x Gigabit 3 x Fast Ethernet	4 x Fast Ethernet	4 x Fast Ethernet	4 x Fast Ethernet			
Battery Powered								•	•	•
USB Port	•	•	•	•						
SD Card Slot								•	•	
SharePort Support	SharePort Mobile	mydlink SharePort								

*Dependent on USB dongle used

Click on the product image for more information

Click on the product image for more information



Cameras & Monitors

Cameras & Monitors

Monitoring what's going on in and around your home has never been more important, nor easier to implement. If it's precious to you, why not keep an eye on it? Whether it's your baby asleep upstairs or your 'baby' (come on, we all have one – car, bike, poolhouse, greenhouse, ride-on lawnmower...) on the other side of the world when you're on holiday or away on business, if you have an Internet connection you can monitor whatever you want, whenever you want, wherever you are.

Designed to fit seamlessly into your home environment, these cameras can be used indoors and out, day or night with infrared (IR) illumination built into some for use in total darkness, and many of our cameras now come with the ground-breaking mydlink Cloud Services, which provide the simplest way of monitoring via smartphone and tablet apps or desktop/laptop computers. High-quality optics and megapixel sensors ensure a perfect picture at all times, with HD resolution on many models, plus support for industry-standard MJPEG, MPEG-4 and H.264 digital encoding to deliver high-fidelity recordings. You also have a choice when it comes to connectivity, with a built-in cabled network port on most of our cameras and Power over Ethernet (PoE) alternatives, which mean that you don't even need a separate power supply. Alternatively we have cameras that can be connected over a Wi-Fi network, enabling you to position your camera exactly where it's needed.

What do I need to consider when buying a connected camera or monitor?

Fundamentally, you need to establish whether you want to monitor an indoor space or an outdoor space, then narrow down to whether or not you want night-vision capability, whether you want motion/sound detection, what quality of image you would like and whether or not you want to record the image or merely stream it live.

Need to monitor a large area?

Pan/Tilt/Zoom (PTZ) functionality is a popular option, along with built-in microphones and speakers to enable two-way communication – this is perfect for when visitors call, as you can position the camera outside. Many of our models have a weatherproof housing to keep out the dust, wind and rain.

Want to store your recordings?

As well as connecting to your camera and streaming live video to a browser or mobile device in real time, many of our cameras can be configured to start recording whenever motion is detected, with footage stored either on a local microSD card or on a network-attached video recorder or storage drive; these connected devices enable you to record video simultaneously from up to nine cameras – the ultimate in DIY home security.

What's in this Section...

Wireless Cameras >>

These enable you to connect your camera to your home wireless network and view the images it streams or records on a web browser.

EyeOn Baby Monitors >>

Cameras designed specifically to keep an eye on your child(ren).

Pan/Tilt/Zoom Cameras >>

With a PTZ camera you can get a wider area of coverage than with a fixed-lens device, but some of our cameras feature the next best thing, which is ePTZ – electronic pan/tilt/zoom whereby you can still move around the image.

Night Vision Cameras >>

These have infrared LED technology to enable clear pictures in either low light or pitch black.

Outdoor Cameras >>

All our outdoor cameras feature a tough, weatherproof housing to keep out dust, wind and rain.

mydlink-Enabled Cameras >>

This is where your mobile device (smartphone or tablet on iOS, Android or Windows) becomes your all-seeing, all-controlling handset, wherever you are in your house, or the world.

High-Definition Cameras >>

These have HD 720p or full-HD 1080p resolution video capability for crystal-clear vision in high detail.

Wireless Extender Cameras >>

The ideal solution if you want to monitor your home *and* extend the range of your wireless network; these combine both in one small device.

Network Video Recorders >>

The heart of your video surveillance system, these help you save the video footage that your cameras capture.

Video Surveillance Jargon Buster

There's a huge amount of potentially confusing terminology revolving around video surveillance cameras and monitors, so if you want to know your PoE or PTZ from your QoS or WDR, here's a short guide to help understand not only what it all means, but which D-Link camera has what facility, function or service.

Built-in IR

Infrared (IR) illuminators emit invisible light, enabling you to monitor an area in complete darkness.

Digital Encoder

A device to convert analogue video signals to digital format and transmit them over an IP network. Used to enable analogue CCTV cameras to be integrated into a Video Surveillance system.

Digital Input/Output (DI/DO)

Standard interfaces that enable a camera to communicate with external sensors (e.g. door and window sensors) and alarm systems.

High Definition (HD) Video

HD cameras capture a lot more detail and are also able to cover a much wider area than a standard VGA camera, giving good surveillance coverage with fewer cameras.

Infrared Cut Filter

A filter that can block infrared while still passing visible light. Usually removable (either manually or under software control) to enhance daytime images while also allowing the camera to be used at night.

Megapixel

A generic term for cameras able to record at high resolution, i.e. above a million pixels. Analogue cameras are limited to around 0.4 Megapixels whereas digital network cameras can capture images in much higher detail with 2 Megapixels and above.

Network Video Recorder (NVR)

An appliance or application designed to manage and record video streams from Network Surveillance cameras. These will, typically, record to hard disk with optional copying to other media such as recordable DVD and the cloud.

Onboard SD Recording

The ability to record to media in the camera itself, such as flash memory or removable SD card. Particularly useful for remote sites with no network, Wi-Fi or 3G connectivity and as a backup in case of a network failure.

Pan, Tilt, Zoom (PTZ)

The ability to remotely control a camera to pan (move from side to side), tilt (move up and down) and zoom in on a particular area of interest.

Passive Infrared (PIR)

PIR sensors measure infrared (IR) radiation from objects in its field of view. Used to detect movement.

Power over Ethernet (PoE)

The ability to transmit power to a remote network camera over the data network. This eliminates the need for an independent main power supply and an AC adapter that might fail or be unplugged. With PoE a central Uninterruptible Power Supply (UPS) will also keep the cameras working in the event of a power cut.

Quality of Service (QoS)

On a shared network, bottlenecks can arise when surveillance video has to compete for bandwidth with data, voice and other traffic. QoS technology allows traffic to be prioritised, but needs to be implemented across the whole network, in switches and routers, as well as Network Surveillance cameras.

Video Streaming

Encoding of captured video for transmission over a data network. A number of encoding and compression technologies can be applied here, the most popular being Motion JPEG, MPEG-4 and H.264. Of most interest at present is H.264 which can optimise bandwidth and storage by up to 80% without compromising on image quality.

Wide Dynamic Range (WDR)

The ability of a camera to capture images in a wide range of lighting conditions. Extremely useful where glare, reflection and high levels of contrast would otherwise result in a poor picture, such as in doorways and next to windows.

Wide Eye

Revolutionary technology from D-Link that gives you a full 180° field of view, letting you cover an entire room. Forget about pan and tilt cameras, view everything instantly in real-time. Built-in de-warping technology gives you a distortion-free image.

-  Audio
-  Two-Bay
-  Built-in IR
-  Day and Night
-  Digital Input/Output
-  Digital Zoom
-  Email Notification
-  3GPP Support
-  H.264/MPEG-4/JPEG
-  H.264/JPEG
-  High Definition
-  100Mbps LAN x1
-  Motion Detection
-  MPEG-4
-  MPEG-4/JPEG
-  Onboard SD Recording
-  Power over Ethernet
-  PowerLine
-  Privacy Mask
-  PTZ
-  Sound Detection
-  USB 2.0 x 1
-  Two-Way Audio
-  WDR
- Wireless

DCS-960L Wide Eye HD 180° Panoramic Camera

Unlike traditional cameras, the DCS-960L uses an ultra-wide view lens to give you a full 180° field of view, letting you cover an entire room with a single camera. Forget about pan and tilt cameras, view everything instantly in real-time. Built-in de-warping technology gives you a distortion-free image and the 720p HD sensor captures fine details with ease. Receive e-mail notifications with snapshots or video clips whenever motion or sound is detected using just the DCS-960L and an Internet connection. You can also define areas of your camera's video to monitor for motion, and set volume limits to detect when a sound is picked up by the camera. Night time monitoring with the built-in infrared LEDs allows for viewing of up to 5 metres in complete darkness, enabling round-the-clock monitoring of a home or office.



Product Highlights

- **Watch over more of your home, Day and Night.** Get instant, whole-room coverage with high definition, 180 degree view and night vision that lets you watch over your home 24 hours a day.
- **Motion and sound detection with night vision.** Never miss a thing with the ability to be notified when motion or sound is detected. Night vision ensures clear images even in low-light conditions
- **mydlink-enabled cloud access.** Easy setup, management and remote viewing of your camera through the free mydlink app on your mobile device or via the secure mydlink web portal



Will a mydlink-enabled camera work if I don't have a D-Link router?

Absolutely. Your home network could be powered by any router, wired or wireless, and a D-Link camera will still integrate seamlessly into it. Of course, if you opt for a wireless camera, your network must be wireless too in order for the camera to link in.



Click on the product image for more information

Internet-connected Cloud Cameras – What do they do?

Without being too flippant, they take pictures, or rather they act as video monitors, but the D-Link range of Internet-connected Cloud Cameras do so much more than that. A case of hardware and software working in perfect harmony, they can be viewed and controlled using D-Link's mydlink Lite app for tablets and smartphones or via your mydlink account on any web browser. You can monitor multiple cameras, control pan/tilt/zoom cameras and record and playback video onto SD cards.

And if you want to take your monitoring to an entirely new level, with many of our cameras you can record footage to a compatible D-Link Network Video Recorder and (for material stored on the DNR-312L) access the footage using the mydlink View-NVR app for tablets and smartphones (see more about these in the Storage & Sharing section starting on page 61).



What do you mean by PTZ?

PTZ stands for Pan/Tilt/Zoom. Several of the D-Link range of cloud cameras have this facility – it means you can remotely control the camera to view wherever you want, and to digitally zoom in as well. Many of our cameras are equipped with ePTZ, so although the camera itself is not motorised, you can still pan, tilt and zoom, thanks to the wide coverage area provided, just by swiping or pinching on your touchscreen.



DCS-930L Wireless Cloud Camera

This Cloud Camera comes with everything you need to quickly add a surveillance camera to your home or small office network, and it works right out of the box. Simply connect the cables, plug in the camera, run the short installation wizard and set-up is complete. To view what the camera is seeing, simply log on to mydlink.com, choose your device, and start viewing – there is no need to configure your router to open up ports or memorise hard-to-remember Internet addresses.



DCS-2136L Wireless AC Day/Night Camera with Colour Night Vision

This mydlink-enabled surveillance camera lets you monitor around the clock with vibrant colour images, even in dark environments. The latest high-speed Wireless AC technology and compact design mean it can be placed virtually anywhere and it can be accessed from any Internet-enabled device. Motion detection email alerts ensure you are always aware of any movements whilst you are away, and you can even record video and audio using the microSD card slot* for later viewing.



DCS-932L Wireless Day/Night Cloud Camera

This is the perfect entry-level camera for your home or small office if you want low/no-light capability. The built-in IR LEDs let you see what's going on when there is little or no light and the compact design with integrated antenna means you can locate it virtually anywhere.



DCS-2210L Full HD PoE Day/Night Network Camera

This camera comes with an electronic pan/tilt/zoom feature (ePTZ) which allows users to select a target area for close-up viewing by simply clicking on the video feed displayed within a browser. Combining a high-resolution 2-megapixel sensor and a built-in IR LED to help you keep watch over areas in complete darkness, its simple plug-and-play installation and intuitive web-based interface makes this a versatile surveillance solution that is perfect for monitoring low-light environments in or around your home.



DCS-936L HD Wi-Fi Camera

The DCS-936L HD Wi-Fi Camera boasts a wide angle lens that easily captures your entire room, wall-to-wall, in high-quality 720p. The built-in night vision, motion and sound detection, and a handy mobile app empower you with knowing exactly what is happening, day or night. Its revolutionary design with rotatable head means it can be placed conveniently on a shelf, mounted on the wall or the ceiling whilst still providing images in the correct orientation.



DCS-2230L Full HD Wireless Day/Night Network Camera

This HD Network camera is a versatile surveillance solution that is perfect for monitoring low-light environments in your home or small business. It combines a high-resolution 2-megapixel sensor with a built-in IR LED to help you keep watch over areas even in complete darkness. With a built-in CPU and web server that transmits high-quality video images for security and surveillance, it also boasts motion detection features which make this a complete and cost-effective security solution.



DCS-942L Enhanced Wireless Day/Night Cloud Camera

This camera comes fully-equipped with H.264-enhanced video compression that allows you to record up to five times more footage to the microSD card*, when compared to MJPEG. It also comes with enhanced motion detection and night vision features that let you see up to five metres in pitch-black darkness.



DCS-2330L HD Wireless N Day/Night Outdoor Cloud Camera

The DCS-2330L is the perfect solution for monitoring an outdoor area 24 hours a day from anywhere. With its rugged metal housing, this mydlink-enabled network camera is built to last, while the megapixel image sensor and infrared night vision give you high-quality resolutions up to 720p HD even in complete darkness.



DCS-2132L HD Wireless Cloud Camera

This Cloud Camera comes with integrated motion-sensing, automated email alerts, and night-vision technology that lets you monitor an area 24 hours a day, even in complete darkness. It also comes with a microSD card slot* so you can record video footage directly to your camera and a high-resolution megapixel sensor provides you with 720p HD resolution to ensure that the details you capture are crystal clear.



DCS-2530L Wide Eye Full HD 180° Panoramic Camera

See your entire room without the need to pan or tilt, in crystal-clear 1080p full HD clarity. This incredible camera let you to see your home in real-time, on your smartphone, tablet or computer from anywhere in the world. It will alert you when motion or sound is detected as well as record a video clip. Integrate night vision allows you to watch over your home even when the sun has gone down.



*MicroSD card not included

*MicroSD card not included

Click on the product image for more information

Click on the product image for more information

DCS-5222L HD Wireless Pan/Tilt/Zoom Day/Night Cloud Camera with IR LED

The DCS-5222L is a wireless pan/tilt network camera with megapixel resolution designed for indoor surveillance applications and detailed remote monitoring. The camera is mydlink-enabled, which provides user-friendly set-up and instant remote viewing through the secure mydlink website or through the free mydlink Lite app for iOS, Android or Windows smartphones and tablets. Equipped with a high-quality 1.0 lux CMOS sensor, the DCS-5222L delivers exceptional, high-definition picture quality even in low-light or no-light conditions and the motorised pan/tilt controls and 4x digital zoom allow you to monitor a large area and zoom to view fine details. The camera is totally configurable so that when motion is detected it can trigger recordings to your computer, a network storage drive or a microSD card*, and can send email notifications with image snapshots.



*MicroSD card not included

Product Highlights

- **HD image quality and detail.** A high-resolution megapixel sensor provides 720p HD resolution video to ensure everything is captured in full detail.
- **All-day indoor home monitoring.** Monitor wide areas of your home thanks to pan/tilt/zoom functionality.
- **Monitor your home from wherever you are, 24/7.** mydlink Cloud Services allows you to view live camera feeds from your computer, tablet or smartphone, 24/7.



This Product is Perfect For...

...monitoring your home 24/7, from wherever you are in the world, thanks to the built-in mydlink functionality and fantastic night-vision capability

Click on the product image for more information



DCS-7000L Wireless AC Day/Night HD Mini Bullet Cloud Camera

The DCS-7000L is a mydlink-enabled IP video surveillance camera that lets you monitor an area 24 hours a day. Built-in Wireless AC technology gives you superior streaming, and it's mydlink-enabled, so you can check on things right from your mobile device.



DCS-7010L Outdoor HD PoE Day/Night Fixed Mini Bullet Cloud Camera

The DCS-7010L is a cloud-enabled outdoor surveillance camera that lets you monitor an area 24 hours a day. Notable features include a durable, rugged weatherproof housing, a powerful IR LED illuminator for excellent night vision and a megapixel image sensor to give high-quality images and video with resolutions up to 720p HD.



DCS-5000L Wi-Fi Pan & Tilt Day/Night Camera

The DCS-5000L provides a range of features to help you effectively monitor large areas of your home or small office at any hour. The pan/tilt function allows the camera to patrol a wide area, while the built-in IR LEDs provide around-the-clock video surveillance regardless of the lighting conditions.



DCS-5020L Wireless N Day/Night Pan/Tilt Cloud Camera

This camera can easily connect to your existing home network for remote viewing on a range of mobile devices. It features a pan, tilt and digital zoom function to allow you to see a wide area, built-in Wi-Fi extender to effortlessly expand your home's wireless network, night vision up to five metres, sound and motion detection for ultimate peace of mind, and H.264 video compression. A great, feature-rich all-rounder.



DCS-5030L HD Pan & Tilt Wi-Fi Day/Night Camera

The DCS-5030L provides a range of features to help you effectively monitor large areas of your home or small office at all hours of the day. An integrated microSD card slot allows you to record videos directly onto the camera, without the need of a computer. You can set up the camera to record only when motion or sound is detected. Extra details are captured in 720p high-definition resolution and H.264 compression saves space without sacrificing performance.



DCS-6045LKT PowerLine HD Day/Night Cloud Camera

This is a versatile and unique kit solution for your home or small office. Unlike most standard webcams, the DCS-6045LKT does away with traditional wired or wireless connections and instead uses your existing electrical wiring to connect to your home network. A complete system with a built-in CPU and web server, the DCS-6045LKT transmits high-quality video images for round-the-clock security and surveillance.



Click on the product image for more information

Q&A

Q) Could installing a D-Link surveillance camera reduce my home insurance costs?

A) In many cases, quite possibly. Just as you can get a reduction in insurance premiums by fitting window locks, many insurance companies will give you a discount if you have a camera (or suite of cameras) monitoring your home, particularly if you opt for a version that can record video footage.

Baby Monitors

If you've had a baby, especially if it is your first, it is only natural to fret and worry about every snuffle, snuffle, grunt and whimper when he or she is sleeping (or trying to get there...). Go into the room to check on them and the disturbance could be worse, but with a D-Link EyeOn Baby Monitor you can keep an eye on your little one without having to be in the same room.



DCS-825L EyeOn Baby Monitor

The multi-award-winning EyeOn Baby Monitor is specially designed to make it easy for you to watch over your baby while they sleep or play. You get a sharp 720p HD picture, and night vision mode turns on automatically when it gets dark, so you can monitor your child day or night. It's perfect for use in the home, or even when you're away, and it's mydlink-enabled, which means you can check on your baby wherever you are through the Internet, thanks to the free mydlink app and cloud-based service.

Sophisticated Technology to Keep You Informed

The EyeOn Baby Monitor can send you notifications to alert you to specific events. A sensor constantly monitors the room temperature and alerts you when the room becomes too hot or too cold, and it can also detect movements and loud noises such as crying, which can trigger recording of snapshots and video clips to view later on an SD card¹. And it's fully portable too, so you can take the EyeOn Baby Monitor with you when traveling, even when there is no available Internet connection. Just connect your mobile device to the EyeOn Baby Monitor's own wireless network for instant local monitoring, making it perfect for family holidays or visiting friends. You can even connect it to an external USB battery² for total portability!

1. SD card not included. Supports card capacities up to 32 GB.
2. USB battery not included; requires at least 2 A output.



This Product is Perfect For...

...monitoring your baby at any time of the day or night, whether you are in your home or not.



Product Highlights

- **Transform your mobile device into a baby monitor.** Whether you're at home or away at work, you can conveniently watch over your baby on your iPhone, iPad or Android mobile device.
- **Full-featured yet simple to use.** The free mydlink Baby app gives you effortless access to advanced features like two-way audio, notifications, lullabies, snapshots, video recording and more.
- **Secure and safe.** Secure wireless connection and remote access prevents unauthorised access, allowing you to securely connect to what matters most.
- **Push notifications.** Receive instant alerts based on your own set-up preferences, including sound, movement and room temperature.

DCS-855L EyeOn Baby Monitor HD 360



The DCS-855L is the undisputed king of baby monitoring, thanks to its full Pan and Tilt facility, which gives you the ability to keep an eye on a much wider area. It comes with all the features of its 'static' DCS-825L sibling, but that PTZ (with digital zoom) ability greatly enhances the viewable space with an almost 360° pan range. Beyond that, you can also play audiobooks through its speaker, or communicate directly with your baby, so you can read a bed-time story even if you're not there.



*MicroSD card not included

Click on the product image for more information

Network Video Recorders

If you want to record and playback the footage available from your mydlink camera, you can add a network video recorder (NVR). Not only will you be able to review the footage while at home, but if you are away and receive email notification of movement, you can log in and access the footage from anywhere.

DNR-312L mydlink Network Video Recorder with HDMI Output



This one-bay Network Video Recorder (NVR) is a standalone storage enclosure designed to record video from up to nine network cameras without requiring you to even turn on a computer. Once you have installed the drive of your choice, the built-in HDMI port can be used to display the stored images/video on a standard HDTV monitor. mydlink-enabled, it supports real-time remote monitoring and playback via a web browser through the secure mydlink portal, the free mydlink View-NVR app for iOS or Android device or the NVR's web-based interface. The DNR-312L has the ability to continue recording live while the user is viewing or searching footage at the same time.



DNR-322L Cloud Network Video Recorder



The DNR-322L is the perfect solution for people that travel or need to leave their properties unattended for long periods of time. With two bays for standard, inexpensive hard drives or your choice, you can choose the recording capacity that best suits your needs. For example, two 3TB hard drives can store high-quality audio and video from four DCS-942L cameras, 24/7 for up to six weeks. But it can also be set-up to record only during certain periods of time (for example, at night or during the weekends), or based on events, such as on the detection of motion, so the recording capacity can be vastly extended.



NVRs Comparison Table



	Model	DNR-312L	DNR-322L
Hardware Features	Simultaneous Recording	9 channels	16 channels
	Simultaneous Playback	9 channels	1 channel
	Local Display	HDMI	
	Live View	●	●
	UPS Support via USB	●	●
	Remote Backup	●	
	RAID Support		●
	Email Notification	●	●
	Search	●	●
	Manual/Continuous Recording	●	●
	Scheduled/Triggered Event Recording	●	●
	3rd Party Camera Support	●	●
mydlink Support	●	●	

Q&A

Q) What's RAID all about?

A) A RAID-enabled storage system essentially offers a fail-safe backup method that mirrors your content in one of a number of ways, such that if a drive fails, you don't lose your data as it is replicated on another drive. And after the initial set-up you don't have to do a thing. Just set it and forget it. In simple terms, if your D-Link NVR enclosure has a maximum capacity of 12 TB and space for two drives (ie it has two drive bays), you can install two hard drives of up to 6 TB each, but the drives should both be of the same capacity, ie two x 4 TB or two x 6 TB. Bear in mind, though that if you install two x 6 TB drives in a 12 TB enclosure, and you have RAID 1 set-up, you will only have 6 TB of storage as one drive acts as a backup, mirroring the other.

Click on the product image for more information

Cameras Comparison Tables



Model	DCS-930L	DCS-932L	DCS-936L	DCS-942L	DCS-960L	DCS-2132L
Indoor / Outdoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Image Sensor	1/5"VGA progressive scan CMOS	1/5"VGA progressive scan CMOS	1/4" 1 megapixel progressive scan CMOS	1/5"VGA progressive scan CMOS	1/2.7" 1 megapixel progressive scan CMOS	1/4" 1 megapixel progressive scan CMOS
Video Resolution	VGA 640 x 480	VGA 640 x 480	720p HD	VGA 640 x 480	720p HD	720p HD
Lens	Fixed 5.01 mm, F2.8	Fixed 5.01 mm, F2.8	Fixed 2.45 mm, F2.4	Fixed 3.15 mm, F2.8	Fixed 1.72 mm, F2.0	Fixed 3.45 mm, F2.0
Angle Of View (H/V)	45.3° / 34.5°	45.3° / 34.5°	112° / 77°	45.3° / 34.5°	180° / 120°	57.8° / 37.8°
Night Vision		●	●	●	●	●
Night Vision Distance		5 m	5 m	5 m	5 m	5 m
PIR-Enhanced Motion Detection				●		
Privacy Masks to Keep Specified Areas Private						3 zones
2-Way Audio				●		●
Built-in Microphone	●	●	●	●	●	●
Built-in Speaker						●
Network Connectivity	Wireless N	Wireless N	Wireless N	Wireless N	Wireless AC	Wireless N
Built-in Wireless Extender (max. 5 Clients)			●			
SD Card Slot for Recording			MicroSD SDHC (not included, max. 32 GB)	MicroSD SDHC (16GB included, max. 32GB)	MicroSD SDHC (not included, max. 32 GB)	MicroSD SDHC (not included, max. 32 GB)
Video Format	MJPEG	MJPEG	H.264 MJPEG	H.264 MPEG-4 MJPEG	H.264 MJPEG	H.264 MPEG-4 MJPEG
Digital Zoom	4x	4x	4x	4x	8x	10x
Motion Detection	●	●	●	●	●	●
Sound Detection			●		●	
Recording to Network Drive						●
Recording to Network Video Recorder	●	●	●	●	●	●
E-mail Notification with Snapshot	●	●	●	●	●	●
E-mail Notification with Video			●		●	



Model	DCS-2136L	DCS-2210L	DCS-2230L	DCS-2330L	DCS-2530L
Indoor / Outdoor	Indoor	Indoor	Indoor	Outdoor	Indoor
Image Sensor	1/3" megapixel progressive scan / CMOS	1/2.7" 2 megapixel progressive scan CMOS	1/2.7" 2 megapixel progressive scan CMOS	1/4" 1 megapixel progressive scan CMOS	1/3" 2 megapixel progressive scan CMOS
Video Resolution	720p HD	720p HD	Full 1080p HD	720p HD	1080p HD
Lens	Fixed 3.6 mm, F1.4	Fixed 3.45 mm, F2.0	Fixed 4.37 mm, F2.0	Fixed 3.45 mm, F2.0	Fixed 1.7 mm, F2.5
Angle Of View (H/V)	64° / 46.5°	57.8° / 37.8°	67.4° / 40.8°	57.8° / 37.8°	180° / 86°
Night Vision	● (white light)	●	●	●	●
Night Vision Distance	5 m	5 m	5 m	5 m	5 m
PIR-Enhanced Motion Detection	●	●	●	●	
Privacy Masks to Keep Specified Areas Private	3 zones	3 zones	3 zones	3 zones	
2-Way Audio	●	●	●	●	●
Built-in Microphone	●	●	●	●	●
Built-in Speaker	●	●	●	●	●
Network Connectivity	Wireless AC	Wired with PoE	Wireless N	Wireless N	Wireless N
SD Card Slot for Recording	MicroSD SDHC (16 GB included, max. 32 GB)	MicroSD SDHC (not included, max. 32 GB)	MicroSD SDHC (not included, max. 32 GB)	MicroSD SDHC (16 GB included, max. 32 GB)	MicroSD SDHC (not included, max. 128GB)
Video Format	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MPEG-4 MJPEG	H.264 MJPEG	H.264 MJPEG
Digital Zoom	10x	10x	10x	10x	10x
Motion Detection	●	●	●	●	●
Sound Detection					●
Recording to Network Drive	●	●	●	●	●
Recording to Network Video Recorder	●	●	●	●	●
E-mail Notification with Snapshot	●	●	●	●	●
E-mail Notification with Video	●			●	●

Click on the product image for more information



Model	DCS-7000L	DCS-7010L	DCS-5000L	DCS-5020L	DCS-5030L	DCS-5222L	DCS-6045LKT
Indoor / Outdoor	Indoor	Outdoor	Indoor	Indoor	Indoor	Indoor	Indoor
Image Sensor	1/4" 1 megapixel progressive scan / CMOS	1/4" 1 megapixel progressive scan / CMOS	1/5" 1 megapixel Progressive scan / CMOS	1/5" 1 megapixel Progressive scan / CMOS	1/4" 1 megapixel Progressive scan / CMOS	1/4" 1 megapixel Progressive scan / CMOS	1/4" 1 megapixel progressive scan / CMOS
Video Resolution	1280 x 720 (16:9); 1280 x 800 (other)	1280 x 720 (16:9); 1280 x 800 (other)	VGA 640 x 480	VGA 640 x 480	720p HD	720p HD	1280 x 720 (16:9); 640 x 480 (other)
Lens	Fixed 2.4 mm, F2.0	Fixed 4.3 mm, F2.0	Fixed 2.2 mm, F2.0	Fixed 2.2 mm, F2.0	Fixed 2.38 mm, F2.2	Fixed 3.6 mm, F2.0	Fixed 3.3 mm, F2.0
Angle Of View (H/V)	98° / 52°	47° / 37°	66.22° / 49.08°	66.22° / 49.08°	94.36° / 59.3°	70° / 53°	68.88° / 37.85°
Night Vision	●	●	●	●	●	●	●
Night Vision Distance	8 m	10 m	8 m	8 m	5 m	8 m	6 m
Motorised Pan/Tilt			●	●	●	●	●
Privacy Masks to Keep Specified Areas Private	5 zones	5 zones				3 zones	
2-Way Audio	●	●				●	●
Built-in Microphone			●	●	●	●	●
Built-in Speaker						●	●
Network Connectivity	Wireless AC	Wireless N	PowerLine AV				
Built-in Wireless Extender (max. 5 Clients)				●			
SD Card Slot for Recording	MicroSD SDHC (not included, max. 32GB)	MicroSD SDHC (not included, max. 32GB)			MicroSD SDHC (not included, max. 32 GB)	MicroSD SDHC (not included, max. 32 GB)	MicroSD SDHC (not included, max. 32GB)
Video Format	H.264 MJPEG	H.264 MPEG-4 MJPEG	MJPEG	H.264 MJPEG	H.264 MJPEG	H.264 MJPEG	H.264 MJPEG
Digital Zoom	10x	4x	4x	4x	4x	10x	4x
Motion Detection	●	●	●	●	●	●	●
Sound Detection				●	●	●	●
Recording to Network Drive					●	●	
Recording to Network Video Recorder	●	●	●	●	●	●	●
E-mail Notification with Snapshot	●	●	●	●	●	●	●
E-mail Notification with Video				●	●		●



Model	DCS-825L	DCS-855L
Indoor / Outdoor	Indoor	Indoor
Video Resolution	720p HD	720p HD
Night Vision	●	●
Motion Detection	●	●
Built-in Microphone	●	●
Built-in Speaker	●	●
Two-way Audio	●	●
Network Connectivity	Wireless N	Wireless N
SD Card Slot for Recording	MicroSD (supports SDHC up to 32GB)	MicroSD (supports SDHC up to 32GB) 16GB card included
Motion Detection	●	●
Sound Detection	●	●
mydlink Baby App	●	●
mydlink Lite App		
Plays Lullabies	●	●
Temperature Sensor	●	●

Click on the product image for more information

Q&A

Q) Lots of these cameras have Motion Detection. How does that help?

A) The cameras are active 24/7, monitoring your home, garage or wherever else you have sited them on a permanent basis. But monitoring is only one side of the story. Because many of these cameras possess the ability to have the video signal recorded so that you have a record of any activity. Video takes up a lot of space on a hard drive, though, especially HD (high-definition) video. And that's where Motion Detection comes in. Because you can set your system to begin recording in the event that the camera detects motion, so you don't chew through gigabytes of hard drive space with hour upon hour of an 'empty' room, but you can rest safe in the knowledge that, should the worst happen and your home is burgled at any time, the perpetrator(s) will not only be caught on camera, but recorded too. And then caught again, by the police. Not only that, but many of these cameras allow you to receive push notifications and email alerts with snapshots or videos.

Access Points, PowerLine and Range Extenders

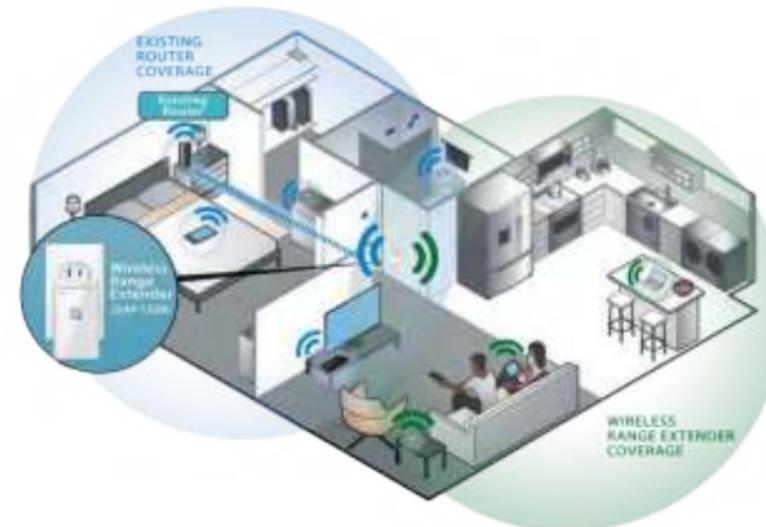


Range Extenders, Access Points and PowerLine

Sometimes your wireless router's signal might not quite reach to the furthest corners of your home (even with our amazing SmartBeam technology), but that doesn't mean you can't have a strong signal everywhere. Because that's where the D-Link range of clever access points and range extenders comes in.

A range extender, as its name suggests, allows you to boost and extend your wireless network range to areas of your home where the signal may not be strong enough, whilst an access point allows you to add wireless capabilities to a non-wireless router (thereby giving a wireless device 'access' to your network). So if you want to improve the speed and range of an existing wireless network or set one up, D-Link's access points and range extenders offer a fast and reliable connection for all of your wireless devices.

And then comes the *really* clever stuff... PowerLine. D-Link's PowerLine range enables you to add a wired or an additional wireless network point anywhere in your home, just by plugging in and connecting two PowerLine units. They then use your home's mains electricity to create a super-fast (Ethernet speed) wired network. Genius.



What's in this Section...

66 Range Extenders >>

The clue's in the name; from fast to super-fast, these devices do pretty much what they say – they extend the range of your wireless network with plug-and-play simplicity.

78 PowerLine >>

Possibly the cleverest weapons in your home-network armoury, these use your mains electrical wiring to turn any power socket into a network connection point simply by plugging in a PowerLine plug.

What do I need to consider when buying a Range Extender, Access Point or PowerLine?

Do you want to add wireless facility to an old non-wireless router?

If yes, then the solution is simple. You simply need to connect a wireless access point to your router, and you now have a wireless network.

Wireless N or Wireless AC?

If your router is Wireless AC equipped, you need your range extender to be similarly specced to enjoy AC speeds.

Can I link range extenders from one to another for extra wireless signal reach?

You can, but as with any example of daisy chaining (adding one device on to the end of another), the signal will be weaker, and possibly therefore contra to expectations. A PowerLine Starter Kit is the perfect solution to be able to have any device join your home network wherever it is located within your home. What's more, they are blisteringly fast and easy to install.

-  Existing wireless coverage from router
-  Extended Wi-Fi coverage from DAP-1520

DAP-1620 Wireless AC1200 Dual-Band Range Extender

This portable plug-in 'repeater' enables you to easily extend an existing wireless network. You simply plug it in anywhere in your home within range of the existing wireless signal and it pumps out the signal to the furthest corners. The AC1200 Wi-Fi Range Extender lets you easily extend your existing wireless network coverage. Featuring the latest Wireless AC technology, the DAP-1620 uses multiple wireless antennas and dual-band technology to maximise the speed and range of your network. Eliminate dead spots, extending your network coverage further throughout your home or office. Just press the WPS button on this unit and your router and all the configuration is done for you. And if you haven't got a D-Link router, then you can download the free D-Link QRS Mobile app for your tablet or smartphone (iOS or Android) and set it up from there. Of course there is also the browser-based set-up method...



This Product is Perfect For...

...extending your network's wireless signal into the furthest reaches of your home to eliminate deadspots.

Product Highlights

- **Easy wireless range extension.** Extends the range of any wireless network (802.11n or 802.11ac).
- **Super-fast Wi-Fi performance.** 11AC Wi-Fi for improved performance and reliable connections. Up to 1200 Mbps (300 Mbps 2.4 GHz and 867 Mbps 5 GHz).
- **Dual-band.** Easily add dual-band coverage to your existing single-band 2.4 GHz router.
- **Simple plug and play.** Plug it in, set it and forget it for effortless Wi-Fi everywhere around your home.

DAP-1320 Wireless N300 Range Extender



This portable plug-in wireless extender lets you easily extend your existing wireless network – just plug it in to any power socket in your home (within range of the existing wireless signal) and your wireless network will stretch further than before. Small yet powerful, it supports Wireless N speeds of up to 300 Mbps in a compact device that fits unobtrusively anywhere. (NB - European plug shown; UK plug is available in UK.)

DAP-1325 N300 Wi-Fi Range Extender



The DAP-1325 N300 Wi-Fi Range Extender is a portable plug-in adapter that lets you extend an existing wireless network. Simply place it anywhere in your home to extend the range of your wireless network.

DAP-1330 Wireless N300 Range Extender



This compact, plug-in device extends the range of your wireless network coverage, ideal for hard-to-reach areas of your home such as top floors, basement areas or lofts. With Wireless N technology delivering speeds of up to 300 Mbps¹, you can maximise not only the range of your network to eliminate dead spots but also the speed of your Internet.

DAP-1360 Wireless N300 Range Extender



Create a new wireless network or simply extend your existing wireless network coverage to reach greater distances throughout your home or office. This is perfect if you want to add a wired device to your network in a room other than where your router is located.

DAP-1365 Wireless N300 Range Extender



Create a new wireless network or simply extend your existing wireless network coverage to reach greater distances throughout your home or office. This is perfect if you want to add a wired device to your network in a room other than where your router is located.

DAP-1665 Wireless AC1200 Dual-Band Access Point



The DAP-1665 is a concurrent dual-band access point with up to 900 Mbps +300 Mbps data rate, which supports multiple operation modes for different applications and scenarios. It also features a range of sophisticated security features to guard against outside cyber intruders and to protect your wireless connection.



With careful placement of a range extender in your home, you could enjoy wireless reach in the garden...



Many D-Link products have a WPS button. What's that?

WPS stands for Wi-Fi Protected Set-up. Here at D-Link we're big on automation, making everything as easy as possible for you to do what you want without needing a computer science degree. Press the WPS buttons on each of two compatible devices and they talk to each other, doing all the techy set-up so you don't have to.



DAP-1520 Wireless AC750 Range Extender

The AC750 Wi-Fi Range Extender lets you easily extend your existing wireless network coverage. Tiny yet powerful, it supports combined Wireless AC speeds of up to 750 Mbps, yet fits in the palm of your hand.



DAP-1635 AC1200 Wi-Fi Range Extender with Power Passthrough

Extend your wireless network with the latest Wireless AC technology with dual-band wireless and combined speeds of up to 1200Mbps. Power passthrough allows the continuous use of the power socket to power an additional device.



Range Extenders & Access Points Comparison Table

Model	DAP-1320	DAP-1325	DAP-1330	DAP-1360	DAP-1365	DAP-1520	DAP-1620	DAP-1635	DAP-1665
Wireless Standard	Wireless N	Wireless AC	Wireless AC	Wireless AC	Wireless AC				
Wireless Speed	300 Mbps 2.4 GHz	300 Mbps 2.4 GHz 433 Mbps 5 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz				
Dual-Band						●	●	●	●
Ethernet Speed*		Fast Ethernet	Fast Ethernet	Fast Ethernet	Fast Ethernet		Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
No. of Ethernet Ports		1	1	1	1		1	1	1
Power Passthrough					●			●	

*Ethernet Speed: Fast Ethernet = 10/100BaseT; Gigabit Ethernet = 1000BaseT

Click on the product image for more information

Click on the product image for more information

PowerLine

Turn any power outlet into a high-speed connection point and extend your home network through simple plug-and-go simplicity. PowerLine is convenient, easy to install and does not require any additional cables, nor any knowledge of network set-up. If you can plug in a plug, you can extend your network anywhere...



You mention VoIP quite often. What is that?

VoIP stands for Voice over Internet Protocol; it is a way of using your broadband Internet connection to make and receive voice and video calls without having to pay any extra for them. Services such as Skype and Apple's FaceTime use VoIP.

DHP-701AV PowerLine AV2 2000 HD Gigabit Starter Kit

This starter kit comes with two PowerLine adapters that use your electrical wiring to extend your home network to places where you currently have no Internet access as your wireless signal is not strong enough to reach (such as a garage or basement). The super-fast Gigabit connectivity allows you to stream 4K/HD movies and music or play online games without lag anywhere in your home. Simply plug one adapter into your existing router to turn any power outlet in your home into an Internet connection and then plug the other adapter into the room you want to extend your connection to.

Product Highlights

- **Easily expand your network.** This convenient starter kit contains everything you need to extend your home network to where your wireless signals cannot reach.
- **Fast network performance.** Up to 1000 Mbps for fast file sharing, lag-free gaming and smooth video streaming.
- **Plug and play.** No need for any IT or networking knowledge. Simply plug one adapter into any power outlet and connect it to your router, and the other adapter to your printer, games console, media player etc.
- **Secure network sharing.** Secure your network from unwanted connections with the simple push of a button.
- **Compact design.** Fits discreetly into your power outlet.



Click on the product image for more information

DHP-601AV PowerLine AV2 1000 HD Gigabit Starter Kit

The DHP-601AV PowerLine AV2 1000 HD Gigabit Starter Kit uses your home's existing electrical wiring to create a network or extend your existing network. Share the Internet connection in your hallway with a game console or smart TV in your lounge, or connect a computer in the basement where there is no Wi-Fi reception, all without the need to install additional network cabling. Simply connect one of the two included adapters to your router and an available power socket, and the other to another power socket where you need the Internet connection.



DHP-P601AV PowerLine AV2 1000 HD Gigabit Passthrough Kit

The D-Link DHP-P601AV turns any power socket into a network connection to access digital media devices, game consoles, network printers, computers and network storage devices throughout your home. Compliance with the HomePlug AV2 standard and backward compatibility with the HomePlug AV standard ensure that the DHP-P601AV can be used with older PowerLine devices.



DHP-W311AV PowerLine AV 500 Wireless N Mini Starter Kit

Small it may be, but the DHP-W311AV kit is the stuff of dreams, and could well be your saviour. Plug one unit in and connect your router to it with an Ethernet cable, and then plug in the other unit (the kit comes with two units, a DHP-310AV and a DHP-308AV) where you want a wired connection – maybe in a bedroom for one of the kids' computers, or your living room for a Smart TV. But the beauty of this device is that it also then creates a wireless network from that point (all linked back to your router, and hence the Internet), so you can use it as a wireless range extender too – perfect for connecting a smartphone or tablet. Cool, huh? No wires, but a wired and wireless connection wherever you want. Like we said, the stuff of dreams...



DHP-W611AV PowerLine AV1000 Wi-Fi AC Starter Kit

The DHP-W611AV PowerLine AV1000 Wi-Fi AC Starter Kit allows you to set up and start enjoying the convenience and reliability of a high-speed wireless and Powerline network in your home right away. The DHP-W611AV features the DHP-W610AV PowerLine AV1000 Wi-Fi Adapter and the DHP-P610AV PowerLine AV1000 Gigabit Passthrough Adapter, giving you everything you need to create a high-speed Wi-Fi PowerLine network in your home. Simply plug the devices into electrical outlets in your home and you'll be able to use your existing wiring to expand your Internet access and wireless network.



Q&A

Q) So how exactly do these PowerLine things work?

A) They're clever little devices which use your home's existing electrical wiring to connect everything together, simply by plugging them into standard mains sockets, throughout your home where your Wi-Fi is not so strong, or for instances where you need a wired connection in a room other than where your router is sited. Getting set up is simple. All you need are two PowerLine adapters (all of these Starter Kits come with two); connect one to a LAN socket on your home router and the other into a mains socket where you need your connection extended. With speeds of up to 500 Mbps, PowerLine is an incredibly quick and cost-effective solution to connecting a multitude of devices into a network, wherever you want them to be situated.

PowerLine Comparison Table

Model	DHP-601AV	DHP-P601AV	DHP-701AV	DHP-W311AV	DHP-W611AV
Number of Units in Kit	2	2	2	2	2
PowerLine Technology	AV2 1000	AV2 1000	AV2 2000	AV500	AV2.1 1000
Ethernet Speed*	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet	Fast Ethernet	Gigabit Ethernet
Wireless Standard				Wireless N	Wireless AC1200
Wireless Speed				300 Mbps 2.4 GHz	300 Mbps 2.4 GHz 867 Mbps 5 GHz
Passthrough Socket		●			●
Number of Ethernet Ports	1	1	1	1	1
Product Name for Single Unit	DHP-600AV	DHP-P600AV	DHP-700AV	DHP-310AV & DHP-308AV	DHP-P610AV & DHP-W610AV

*Ethernet Speed: Fast Ethernet = 10/100BaseT

Click on the product image for more information



Network Adapters

These days, pretty much all desktop PCs and notebooks or laptops come with wireless technology built-in, but that doesn't make Network Adapters redundant. You might, for example, want to add wireless networking capability to an older PC or upgrade a perfectly useable three-year-old laptop to use the latest, fastest Wi-Fi technologies and security.

That's where our range of Network Adapters comes in, because they enable you to bring an older computer up to modern standards for relatively little outlay (compared to the cost of replacing the computer itself).

Essentially, Network Adapters come in two forms; USB-based plug-in devices, which simply attach to a USB port on any desktop or laptop to give the computer the ability to join a wireless network, and PCI 'cards', which you install (once only, easily and quickly) in a desktop machine.

This section also contains our range of Ethernet Adapters, which add Fast Ethernet or Gigabit Ethernet connectivity to a computer which either has none or is only equipped with the older (slower) standard. Again, these are either PCI card-based or USB devices.

What do I need to consider when buying a network adapter?

Do you want to add wireless connectivity or Ethernet (wired)?

Sounds like an obvious question, really, but if you want wireless capability, you will need a wireless adapter, and if you want Ethernet capability you will need an Ethernet adapter.

Do you want a 'permanent' (fixed) solution or a plug-and-go 'as required' solution?

The answer to this will depend on what computer you have, as the 'fixed-in' solution can only be installed in a desktop machine (all of which are built with the ability to easily add in a PCI card-based adapter). But the USB solution will work on both laptops and desktops so is certainly the most flexible.

What's in this Section...

72 Wireless Network Adapters (USB connection) >>

These USB 'dongles' are available with both single- and dual-band capability and with a range of speeds according to your needs.

73 Wireless Network Adapters (Permanently Installed) >>

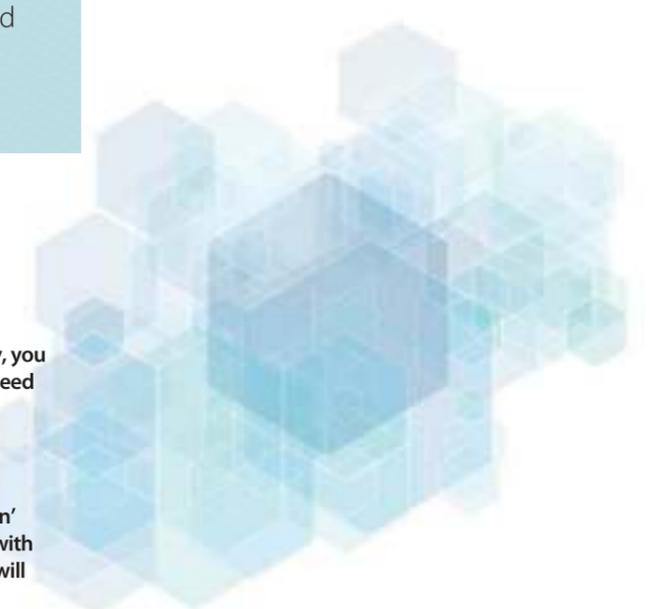
These PCI (mega fast) and PCIe (hyper-fast) card-based devices are purely for desktop machines, and are fit-once-and-forget adapters that give a permanent Wireless N connectivity solution in a range of speeds.

74 Ethernet Adapters >>

These devices add Ethernet connectivity to your desktop or laptop computer, either as a permanent installation (PCI card) or a USB 'dongle'.

74 Mobile 3G Adapters >>

A USB plug-in 'dongle' which gives you Internet connection wherever you can get a mobile phone signal.



Wireless Network Adapters

Wireless network adapters add the ability to connect to a Wi-Fi network through the simple plugging in of a mobile USB 'dongle', or the installation of a fixed PCI card in desktop computers. These devices offer a range of connection speeds, single- or dual-band options and plug-and-play simplicity.



DWA-192 Wireless AC 1900 Dual-Band USB Adapter

This wireless USB 3.0 Adapter gives you faster wireless speeds than ever before by delivering powerful Wireless AC technology to your desktop or notebook computer. Integrated dual-band technology over the 2.4 GHz (600 Mbps) or 5 GHz (up to 1300 Mbps) wavebands offers reduced Wi-Fi interference to maximise throughput, thereby enabling faster video streaming, gaming, and VoIP calls. Fully backwards compatible and with high-gain internal antennas, the distinctive DWA-192 offers push-button Wi-Fi Protected Setup for easy integration and the full spectrum of password protection through WPA and WPA2.

Wireless AC UPnP

Product Highlights

- **Upgrade your desktop or laptop.** Browse, stream and watch online in minutes at the fastest wireless speeds.
- **Delivers Dual-band connectivity.** For intelligent, versatile, interference-free wireless bandwidth.
- **Backwards compatible.** Works with all of your current wireless products – no updates needed.
- **Includes WPS.** Easy one-button one-time set-up for effortless connection.

This Product is Perfect For...

...adding Wireless AC connection capability to any computer, whether desktop or laptop, simply by plugging it in.



Click on the product image for more information



DWA-121 Wireless N150 Pico USB Adapter

Not much bigger than your thumbnail, the DWA-121 is a miracle of modern micro engineering. Slip this into a USB port on your laptop or desktop computer and you instantly have access to your high-speed Wi-Fi network. With wireless network speeds of up to 150 Mbps, it's an excellent solution for everyday activities such as transferring files, checking email or browsing the Internet.



DWA-127 Wireless N150 High-Gain USB Adapter

This adapter uses Wireless N technology and an adjustable high-gain aerial to provide increased speed and range over a Wireless N network, giving you a faster, more reliable connection and making it ideal for email, web browsing and file sharing in the home. So if your desktop or laptop has no built-in Wi-Fi, this is the perfect answer.



DWA-131 Wireless N Nano USB Adapter

Like the DWA-121 Pico USB adaptor above, the DWA-131 provides excellent wireless network pickup, but with double the data throughput speed, so up to 300 Gbps. You'll experience improved media streaming from greater distances around your home, but it's also ideal for traveling since the compact design means minimal protrusion.



DWA-171 Wireless AC Dual-Band Nano USB Adapter

Experience faster wireless speeds than ever before by delivering powerful Wireless AC technology to your desktop or notebook computer. With its integrated dual-band technology, over the 2.4 GHz (150 Mbps) or 5 GHz (up to 433 Mbps) bands, you'll have reduced Wi-Fi interference to maximise throughput for faster video streaming, gaming, and VoIP calls. If your computer does not have Wi-Fi, this is a veritable powerhouse...

Wireless AC



DWA-172 Wireless AC600 Dual-Band High-Gain USB Adapter

The DWA-172 lets you experience faster wireless speeds than ever before by delivering powerful Wireless AC technology to your desktop or notebook computer, and increased range thanks to its high-gain antenna. Simply plug the adapter into an available USB port to connect to a secure wireless network with an Internet connection, and right away you'll be browsing the web, chatting to your friends, streaming HD video or gaming online.

Wireless AC



DWA-182 Wireless AC Dual-Band USB Adapter

It has Wireless AC, combined dual-band 2.4 and 5 GHz speeds of up to 1200 Mbps and USB 3.0 compatibility. You can connect a computer or laptop with no built-in Wi-Fi to a wireless network at incredible speeds to enjoy buffer-free video phone calls, lag-free gaming and file transfer at up to three times faster than the previous wireless standard.

Wireless AC



DWA-556 Wireless N PCIe Desktop Adapter

Install this three-aeried magician into your desktop computer and you can enjoy high-speed wireless connectivity for steady streaming and online gaming from greater distances across your home or office. Ideal for larger properties where the signal has to cover greater distances, this adapter boasts three external antennas to provide superior Wi-Fi reception for high-speed wireless performance. Since it uses the more modern PCIe hardware interface, your entire Internet experience will seem zippier than ever.



DWA-582 Wireless AC1200 Dual-Band PCI Express Adapter

The DWA-582 Wireless AC1200 Dual-Band PCI Express Adapter connects your computer to a high-speed network and provides a blazing-fast Wireless AC connection with superior reception. Once connected, you can access your network's high-speed Internet connection while also getting secure access to shared photos, files, music, video, printers and storage.



Many of these devices are referred to as a 'dongle'. What's that?

Good question. Essentially 'dongle' is a generic term for a small, USB plug-in device, usually about the size of a pack of chewing gum, that easily adds additional functionality to your computer. In the case of the devices on this page, they add wireless connectivity, either where the computer has none, or where faster speeds are required without updating the computer itself.

Q&A

Q) How easy is it to install a PCI card?

A) The answer is 'simple'. In many cases (depending on the desktop computer into which you want to install it) no tools are required as the fixings to hold it in place are no more than knurled thumb-screws; otherwise, all you need is a screwdriver. Once you have internal access to the PCI Card slots in your computer (which must obviously be switched off first), you simply insert the Network Adapter into a spare slot – it will only go one way – press it firmly home and tighten the retaining screw. It probably won't take you more than about five minutes.

Click on the product image for more information

Ethernet Adapters

These devices are designed to give you Fast or Gigabit Ethernet capability on an older computer or laptop which doesn't otherwise have this facility.

DGE-528T Copper Gigabit PCI Ethernet Adapter

If you have an old desktop computer that does everything you need but is just a bit clunky when it comes to network connection, then slipping one of these into a spare PCI slot will work wonders. The D-Link DGE-528T is a high-performance Gigabit Ethernet PCI card which turns a desktop computer into a high-bandwidth Gigabit workstation or a server running at 2000 Mbps full-duplex speed (full-duplex meaning concurrent data flow both in and out – in other words it can send and receive data at the same time, and at lightning speeds).



DUB-E100 Hi-Speed USB 2.0 Fast Ethernet Adapter

The D-Link DUB-E100 is a high-speed Fast Ethernet adapter specifically designed to plug into a USB port on a desktop or laptop PC running Microsoft Windows XP, Me, 2000 or 98SE. Based on USB 2.0, it extends the transfer speed of earlier USB fast Ethernet adapters to true 10/100Mbps connectivity.



DUB-1312 USB 3.0 Gigabit Ethernet Adapter

The modern range of super-slim, lighter-than-air laptops and notebooks tend to eschew the humble Ethernet connection in favour of wireless connectivity and the ubiquitous USB ports (admittedly, these days, in USB 3.0 guise, indicated by a blue insert within the plug). But what if your life demands Ethernet connectivity for that ultra-fast wired speed, and Gigabit Ethernet at that? Well, enter the DUB-1312 – a tiny plug-and-go device which instantly transforms any USB 3.0 port into a Gigabit Ethernet port for direct hard-wire connection into your network. Simple, safe, reliable. If only everything in life was so easy...

Product Highlights

- **Plug and play.** Stick the USB plug into your computer's USB 3.0 port (works on USB 2.0, of course) and plug an Ethernet cable into the other end for instant connection.
- **Blazingly fast.** Gigabit transfer speeds (up to 1 Gbps) makes it perfect for rapid file sharing, movie streaming and other bandwidth-intensive applications.
- **Status LEDs.** Twin LEDs show connection status and data transfer.
- **Light and compact.** Weighs less than 2oz (50g) so easy to chuck in your bag when travelling.
- **Backwards compatible.** Works with USB 2.0 or Fast Ethernet connection, but not at Gigabit speeds.

Will a USB 3.0 device work on a computer with only USB 2.0 sockets?

Yes, it will, in the same way that many technology devices are backwards compatible with older standards, but you will not be able to take advantage of the extra data throughput speed which USB 3.0 offers.

This Product is Perfect For...

...turning a USB 3.0 port into a Gigabit Ethernet port. It only does one job, but it does it brilliantly.



Go Mobile

DWM-222 4G LTE USB Adapter

If you want to stay in data contact with the outside world when out and about, this 'dongle' device is the one for you. The DWM-222 enables you to enjoy a fast mobile broadband connection on your laptop by simply plugging it in to a USB port; what's more, you can connect to any 4G LTE / 3G mobile broadband network world-wide, once you've sorted yourself out with a sim card from a mobile phone airtime supplier.



DWM-157 3G HSPA+ USB Adapter

The DWM-157 allows you to enjoy a fast mobile broadband connection on your notebook or computer, whether you are at home, in the office, or traveling. The device allows you to connect to any 3G mobile broadband networks worldwide. With a fast and convenient mobile connection at your fingertips, you don't have to worry about losing your Internet connection when you leave home.



Network Adapter Comparison Tables



Model	DWA-121	DWA-127	DWA-131	DWA-171	DWA-172	DWA-182	DWA-192
Wireless Standard	Wireless N	Wireless N	Wireless N	Wireless AC	Wireless AC	Wireless AC	Wireless AC
Dual-Band				●	●	●	●
Wireless Speed	150 Mbps 2.4 GHz	150 Mbps 2.4 GHz	300 Mbps 2.4 GHz	433 Mbps 5 GHz 150 Mbps 2.4 GHz	433 Mbps 5 GHz 150 Mbps 2.4 GHz	867 Mbps 5 GHz 300 Mbps 2.4 GHz	1300 Mbps 5 GHz 600 Mbps 2.4 GHz
WPS One-Button Connection	●	●	●	●	●	●	●
Wi-Fi Protected Access Support	WPA and WPA2	WPA and WPA2	WPA and WPA2	WPA and WPA2	WPA and WPA2	WPA and WPA2	WPA and WPA2
Interface	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 3.0	USB 3.0



Model	DWA-556	DWA-582
Wireless Standard	Wireless N	Wireless AC
Dual-Band		●
Wireless Speed	300 Mbps 2.4 GHz	867 Mbps 5 GHz 300 Mbps 2.4 GHz
WPS One-Button Connection*	●	●
Wi-Fi Protected Access Support	WPA and WPA2	WPA and WPA2
Interface	PCIe	PCIe

*All the PCI and PCIe cards support WPS via a virtual button in the setup wizard.

Ethernet Adapter Comparison Table



Model	DGE-528T	DUB-E100	DUB-1312
Network Interface	Gigabit	Fast Ethernet	Gigabit
Connection Interface	PCI	USB 2.0	USB 3.0

Model	DWM-222	DWM-157
Mobile Internet connectivity	4G LTE / 3G via SIM	3G HSPA+ via SIM
Maximum download/upload speed	150 Mbps/ 50 Mbps	21.6 Mbps/ 5.76 Mbps
Interface	USB 2.0	USB 2.0

Need help with the jargon?
WPS One-Button Connection: see page 67.
Wi-Fi Protected Access Support: see page 47.

Click on the product image for more information

Click on the product image for more information



Switches and USB Hubs

There are a number of instances where only a very specific product will fulfil a specific role, and all the devices in this section meet those criteria.

A switch is simply a small hardware device that joins a multitude of devices which use Ethernet connectivity together so that they work seamlessly and communicate with each other. It could be, for example, that you want to add in two video surveillance cameras, a network attached storage hard drive, a dedicated network video recorder, a Smart TV, a games console and a colour laser printer. A switch is the electronic glue box that joins them all together.

And then we have USB Hubs, a life saver if you have lots of USB devices you want to connect either to a single computer, or to your home network.

What's in this Section...

78 Network Switches >>

These little boxes of magic enable you to add lots of wired Ethernet devices to your home network, things like printers, huge-capacity storage hard drives, surveillance cameras and so on.

81 USB Hubs >>

With the plethora of USB-powered devices in our lives, wouldn't it be great if we could have a hub into which they could all plug for maximum efficiency? Oh wait, there is, and you can...



Switches

D-Link's desktop switches allow you to connect more wired devices – like desktop computers, printers, IP cameras, access points and gaming consoles – to your home network. Simply decide how many extra Ethernet ports you need, plug in the new switch and go – it really is that easy. These switches are compact in size, don't take up much space and are fanless, so they're silent and economic to run, too.

DGS-1008P 8-Port Gigabit PoE Unmanaged Desktop Switch

The DGS-1008P is the queen of D-Link's range of home switches, with eight Ethernet ports offering Gigabit throughput speeds, four of which offer Power over Ethernet, so you can easily connect devices such as one (or more) of our video surveillance cameras (see page 52) to cut down on cable clutter. With plug-and-play simplicity, this is most definitely the answer to your extra-port needs if you have a busy home or home office with lots of wired devices that need to connect to your network, devices such as desktop computers, network attached storage drives or video recorders, games consoles, Smart TVs, the aforementioned video surveillance cameras, media servers, access points, network printers or backup drives.

Product Highlights

- **Eight 10/100/1000Mbps switched ports.** Plug in any Ethernet connected device for easy network expansion.
- **Power up to 4 PoE devices.** Supports up to 52 Watts across four Power over Ethernet ports and up to 15.4 watts per port for individual usage on any PoE device.
- **Plug-and-play installation.** Just power up and connect any port to your router (or other Ethernet port on your network such as on a PowerLine device).
- **Built-in D-Link Green Technology.** Energy saving, with fanless operation for reduced power consumption.

On a very tight budget? If so, we have a few switches in our dlinkgo range which might suit both your needs and your pocket. See the dlinkgo range starting on page 80.



DGS-1008D 8-Port Gigabit Unmanaged Desktop Switch

Just as our five-port Fast Ethernet switch (below) has an eight-port big brother, so too does the DGS-1005D, and this is it. Eight Gigabit Ethernet ports provide additional connectivity for a whole range of Gigabit devices so you can take advantage of blazing-fast speeds, fanless (so silent) operation and plug-and-play simplicity. If you want eight ports but the added benefit of Power over Ethernet, then check out our daddy of home switches, the DGS-1008P, shown above.



DGS-1005D 5-Port Gigabit Unmanaged Desktop Switch

This Gigabit switch offers an economical way for you to benefit from the increased bandwidth of Gigabit Ethernet (up to 10 times faster than Fast Ethernet). With five Gigabit ports for easy expansion of your network, it enables smoother streaming of HD movies, faster file transfers and online gaming with less lag.



DGS-1008MP 8-Port Gigabit PoE+ Switch

Something of a powerhouse when it comes to Power-over-Ethernet switches, this compact beauty offers PoE to 802.3af/at standard across all eight Gigabit Ethernet ports, at up to 30 Watts per port with a power budget total of 140 Watts. Which, put simply, means you can power devices such as access points, IP phones and video surveillance cameras simply by plugging them in with an Ethernet cable – no additional power required. No fan means it runs totally silently (perfect, therefore for either home or small office use), and since it offers Gigabit Ethernet speeds on all eight ports, it provides blazing fast transfer rates so is ideal if you need regular access to devices on your network with a high bandwidth demand such as network attached storage (NAS) devices storing hi-def video. Plug-and-play simplicity means it works straight out of the box.



DES-1008PA 8-Port Fast Ethernet PoE Unmanaged Desktop Switch

This 8-Port Fast Ethernet switch enables both home and office users to easily connect and supply power to Power over Ethernet (PoE) devices such as some wireless Access Points and video surveillance cameras, while adding more Ethernet devices like printers, computers, and Network Attached Storage (NAS) onto a network. The compact DES-1008PA is ideal for use in virtually any room or office thanks to its silent, fanless operation.



DES-1005P 5-Port Fast Ethernet PoE Unmanaged Desktop Switch

The DES-1005P allows you to add additional Ethernet devices such as computers, printers and network storage onto your network, with the added advantage that one of the five ports has Power-over-Ethernet capability so you can connect and power a wireless access point or camera with a single cable.



DES-1008D 8-Port Fast Ethernet Unmanaged Desktop Switch

Like its DES-1005D baby brother below, this switch offers quick and easy addition of extra Ethernet ports to any home network, but comes with eight ports instead of five, so you can add in even more devices.



DES-1005D 5-Port Fast Ethernet Unmanaged Desktop Switch

This 5-port Fast Ethernet switch allows you to easily and quickly add more ports to your wired network, so you can connect multiple computers to share files and folders, or connect it to a router to share an Internet connection.



Let's explain some of this techy switch-specific jargon...

● **Unmanaged – what does that mean?** An unmanaged switch allows you to connect many devices together on a network so that they can all 'talk' to each other seamlessly in a plug-and-play style, but you don't need to control how the traffic is managed – the switch just handles everything for you.

● **Quality of Service (QoS) Support** means that the switch works to prioritise traffic that needs more bandwidth, such as movie streaming, video calling or online gaming, to ensure that the flow of data is optimised for all devices.

● **D-Link Green** uses proprietary technology to reduce power consumption by monitoring connections.

● **PoE Power Budget** indicates how much power the 'Power over Ethernet' sockets can deliver to your PoE device.

● **802.3az EEE** is sometimes referred to as Energy Efficient Ethernet, an international standard for reducing power consumption. Basically, it saves you money in running costs...

Switch Comparison Table

Model	DGS-1008P	DGS-1008D	DGS-1005D	DGS-1008MP	DES-1008PA	DES-1005P	DES-1008D	DES-1005D
Type of Ports*	Gigabit	Gigabit	Gigabit	Gigabit	Fast Ethernet	Fast Ethernet	Fast Ethernet	Fast Ethernet
Number of Ports	8	8	5	8	8	5	8	5
Switching Capacity	16 Gbps	16 Gbps	10 Gbps	16 Gbps	1.6 Gbps	1 Gbps	1.6 Gbps	1 Gbps
Fanless	●	●	●	●	●	●	●	●
Quality of Service (QoS) Support	●	●	●	●		●		
Number of QoS Queues	4	4	4			4		
D-Link Green	●	●	●	●		●	●	●
802.3az EEE	●	●	●	●		●	●	●
PoE Support	802.3af/at			802.3af/at	802.3af	802.1af		
Number of PoE Ports	4			8	4	1		
PoE Power Budget	68 W			140 W	52 W	15.4 W		

*Type of Ports: Fast Ethernet = 10/100BaseT; Gigabit = 10/100/1000BaseT

Click on the product image for more information

Click on the product image for more information

dlinkgo Switches

Perfect for those on a tight budget, these no-frills Ethernet switches are nonetheless highly specced and offer great value for money, enabling you to add more hard-wired devices to your home network.

GO-SW-8G 8-Port Gigabit Easy Desktop Switch

Upgrade and expand your wired home network to Gigabit speed quickly and easily with the dlinkgo 8-port Gigabit switch. Simply connect the switch to your router and add up to seven more devices to your home network with plug-and-play simplicity, devices such as games consoles, printers, network storage drives or network cameras. These desktop switches fit virtually anywhere because of their compact size, even on the underside of a desk if you want to hide all the wires. Oh, and they're fanless, so silent in operation, too...



This Product is Perfect For...

...adding up to seven wired devices to your home network with Gigabit Ethernet connectivity. Basically, that means it's very, very fast.

GO-SW-5G 5-Port Gigabit Easy Desktop Switch

As per the GO-SW-8G above, this diminutive little switch offers five (instead of eight) Gigabit Ethernet ports for the easy addition of four devices to your home network. Typically, the things that will benefit from the extra speed Gigabit offers are games consoles, HD movie streaming to Smart TVs, rapid file sharing and so on.



GO-SW-16G / GO-SW-24G 16/24-Port Gigabit Easy Desktop Switch

The dlinkgo 16/24-port Gigabit switch offers an economical way for homes and home offices to expand and deploy an energy-efficient network that features the increased bandwidth of Gigabit ports, and plenty of them at that.



GO-SW-5E / GO-SW-8E 5/8-Port Fast Ethernet Easy Desktop Switch

The dlinkgo 5/8-port switch allows you to quickly set up a fast, reliable, and efficient wired network in your home or office. These Fast Ethernet unmanaged switches are powerful yet easy to use, allowing plug-and-play connection of a large range of devices, so multiple computers can share files, or you can connect it to a router to share an Internet connection with every device on the network.



Q&A

Q) Do I need special cables to connect a switch to my router, or other devices to the switch.

A) Yes, you do, but they're really quite inexpensive and readily available from many high-street stores, or online. They are called Ethernet cables, sometimes referred to as Cat-5, Cat-6 or Cat-7, and sometimes as RJ45. Many devices that need them are supplied with one, though sometimes it might not be long enough for you. The maximum length you should use is 100m (c. 328ft).

Switch Comparison Table



dlinkgo Model	GO-SW-5E	GO-SW-8E	GO-SW-5G	GO-SW-8G	GO-SW-16G	GO-SW-24G
Type of Ports*	Fast Ethernet	Fast Ethernet	Gigabit	Gigabit	Gigabit	Gigabit
Number of Ports	5	8	5	8	16	24
Switching Capacity	1 Gbps	1.6 Gbps	10 Gbps	16 Gbps	32 Gbps	48 Gbps
Fanless	●	●	●	●	●	●
Cable Diagnostics			●	●	●	●
D-Link Green†	●	●	●	●	●	●
802.3az EEE‡	●	●	●	●	●	●

*WAN & LAN Speeds: Fast Ethernet = 10/100BaseT; Gigabit = 10/100/1000BaseT. †Please see the Jargon explanation panel in the main Switches section on p75 for explanations of these.

Click on the product image for more information

USB Hubs

Essentially, a USB hub allows you to add additional USB ports to a single computer or to all the computers on your network. However, some of D-Link's range of USB hubs are 'powered', so not only will your USB device receive adequate power to function correctly, the integrated fast-charging USB ports also allow you to charge devices such as smartphones or tablets.

DUB-H4 4-Port USB 2.0 Hub



The DUB-H4 provides four additional USB 2.0 ports to your PC or Mac, allowing you to connect USB devices such as digital cameras, external hard drives, flash drives or printers. The USB fast-charging port also allows you to quickly charge your iPad, iPhone, tablet or other power-hungry mobile device.

DUB-H7 7-Port USB 2.0 Hub



A plug-and-play miracle that will save endless unplugging and plugging in of your many USB devices, this compact unit will provide up to 480 Mbps of data throughput, so is perfect if you want to add a USB-based storage hard drive to your network, along with printers, scanners, digital cameras etc etc. You can even daisy-chain two or more hubs together if seven ports just isn't enough. Two of the seven USB 2.0 ports are also 'super-powered' at 1.2A each for charging mobile devices quickly.

DUB-1340 4-Port Superspeed USB 3.0 Hub



If speed of data throughput is key, then the DUB-1340 is the USB Hub for you, since it provides four additional USB 3.0 ports to your computer, or to the computers on your network if plugged into a D-Link router with a USB 3.0 port. Providing data rates of up to 5 Gbps – 10 times faster than USB 2.0, you can transfer your photos, music and HD movies to a USB 3.0 external storage device faster than ever before.

USB Hub Comparison Table



Model	DUB-H4	HUB-H7	DUB-1340
USB Standard	USB 2.0	USB 2.0	USB 3.0
Number of USB Ports	4	7	4
Number of Fast-Charging Ports	1	2	

Q&A

Q) Could I just plug my iPhone, Kindle or other USB-charged device into one of these hubs to charge it up?

A) Yes you could, and it would charge it up just fine, since every USB port carries a standard level of power and current. But if you want to charge your device faster, then you need to select one of our USB hubs that has a fast-charging port. They'll zip power into your device faster than you can say Universal Serial Bus. OK, not quite that quick, but much faster than a 'standard' USB port...



Can I connect more than one USB Hub together if I want a lot of extra ports?

Whilst there is a theoretical maximum number you can link together, it is highly unlikely that you will ever reach that point, and since we don't want to bombard you with techy stuff about latency, signalling rates and inrush current, all you need to know is that, yes, you can, but each one still needs to be powered.



With D-Link, you can install devices that will enable you to control, monitor and automate your SMART home.



D-Link (Europe) Ltd

With our innovative approach to computer networking, D-Link helps you connect to more of everything. From relatively modest beginnings, the company has grown over the last 30 years into an exciting global brand which is at the forefront of the very latest Smart Home Technologies.

- | | | |
|------------------------|---------------|----------------|
| Albania | Greece | Serbia |
| Austria | Hungary | Slovakia |
| Belgium | Italy | Slovenia |
| Bosnia and Herzegovina | Kosovo | Spain |
| Bulgaria | Luxembourg | Sweden |
| Croatia | FYR Macedonia | Switzerland |
| Czech Republic | Montenegro | UK and Ireland |
| Denmark | Netherlands | |
| Finland | Norway | |
| France | Poland | |
| Germany | Portugal | |
| | Romania | |

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