

Product Highlights

Full HD Resolution

720P high resolution images ensure that you capture all the details you need

Wide Dynamic Range

Wide Dynamic Range technology neutralises imperfect lighting, providing clear images with the right amount of contrast even when a subject is backlit

High-Quality Video Feeds

Real-time video compression with H.264, MPEG-4, and MJPEG codecs for distribution and recording of high definition video



DCS-3710

HD WDR PoE Day/Night Fixed Network Camera

Features

High Definition Video

- Sony Exmor 1/3" 1.3 Megapixel CMOS
- progressive sensor
- DC iris varifocal 2.9 mm (W) to 8.2mm (T) F1.0 CS mount lens
- HD resolution up to 1.3M (1280x1024)
- Real-time H.264, MPEG-4 and Motion JPEG compression
- Built-in removable IR-cut filter for day/night surveillance
- ePTZ for virtual PTZ operation
- Multi-stream support
- Privacy mask
- Motion detection

Security and Flexibility

- Motion detection
- Two-way audio support
- Built-in microphone
- Advanced event management
- 2 alarm inputs / 1 alarm output
- Power over Ethernet (PoE)
- 3GPP mobile surveillance

Connectivity

- 10/100 Fast Ethernet port with PoE
- MicroSD/SDHC card slot for onboard storage
- Audio input/output for two way audio

The D-Link DCS-3710 HD WDR PoE Day/Night Fixed Camera is a high-end professional IP surveillance solution suitable for locations requiring uncompromising security. WDR and ICR technologies ensure that the images captured by day or night are clear and sharp

High Resolution Surveillance

The camera employs a 1/3" Megapixel progressive CMOS sensor with low Lux sensitivity to deliver a truly superior image quality. It also features a high-end vari-focal auto iris Megapixel lens by Computar, maintaining high contrast, brightness and sharpness across the entire image plane, especially in the corners of the image.

Multiple Video Streams

Up to 3 video profiles may be configured with different settings for simultaneous operation. The DCS-3710 supports two modes of video compression, MPEG-4 and MJPEG. The latter delivers excellent file integrity, providing a high-quality option, while the former is more bandwidth-efficient with small file sizes, ideal for extended recording or mobile viewing. Additionally, the DCS-3710 supports multicast MPEG-4 streaming allowing users to view contact by subscribing to a multicast IP address on the network. You can enable streaming over the HTTPS protocol for a more secure viewing

Recording and storage

The DCS-3710 incorporates an SD card slot for local storage, allowing up to 3 days video data^{1,2}. With the built-in Samba client, software is not required to record the action directly on to a network storage device. Alternatively, you can record videos to a Network Video Recorder (NVR), such as the D-Link DNS-722-4 or DNS-726-4. These devices can control multiple cameras and support RAID-1 for backup of the video footage

Day & night operation

A built-in Infrared Cut Removable (ICR) filter can be manually applied via the web GUI, or set to automatically adjust according to lighting conditions. This feature enables the camera to capture crisp colour images during the daytime, and grayscale images in low-light. In addition, the camera includes Wide Dynamic Range (WDR) technology, which provides clear images with a good level of detail even when the camera is hit with strong backlight, for example when facing intense sunlight that may be streaming in through a nearby window.

A versatile solution

You can also build a complete security system around the camera, by connecting it to I/O sensors and alarms and set up the system to send automated e-mail notifications for unusual events. Other interfaces include RS-485, for connection to an optional pan/tilt enclosure, effectively adding pan/tilt functionality to the DCS-3710, and a 12V DC power output for an optional LED illuminator.

Easy to set up with wired PoE access

The DCS-3710 complies with the IEEE 802.3af Power Over Ethernet (PoE) specification. This allows the camera to be powered directly from a PoE Ethernet switch, giving you the freedom to place the camera anywhere you need, including high walls and covert locations.

Remote monitoring

The DCS-3710 also features 3G mobile video support, enabling you to view a live video feed from the camera on a compatible 3G mobile phone or PDA anywhere in your 3G coverage area.

Open Network Video Interface Forum (ONVIF) Compliant

ONVIF is an open industry forum for the development of a global standard for the interface of IP based physical security products. ONVIF identifies a standard for how IP products within video surveillance and other physical security areas can communicate with each other ensuring interoperability between products regardless of brand. The DCS-3710 is ONVIF compliant and therefore interoperable with other manufacturer's products on the same network such as cameras, storage systems, video analytics products and Video Management Systems.

Centralised management with D-ViewCam™

The included D-Link D-ViewCam™ (DCS-100) is a sophisticated video management software which enables you to manage up to 32 network cameras, set e-mail alert notifications, create recording schedules, and trigger motion detection to record directly to your hard drive or network folder. D-ViewCam™ also allows you to upload a floor plan of your premises, and create a realistic layout according to the locations of your cameras, further simplifying the management process.



If the worst should happen to your network you need the very best support and fast. Downtime costs your business money. D-Link Assist maximises your uptime by solving technical problems quickly and effectively. Our highly trained technicians are on standby around the clock, ensuring that award-winning support is only a phone call away.

With a choice of three affordable service offerings covering all D-Link business products, you can select the package that suits you best:

D-Link Assist Gold - for comprehensive 24-hour support

D-Link Assist Gold is perfect for mission-critical environments where maximum uptime is a high priority. It guarantees four hour around-the-clock response. Cover applies 24/7 for every day of the year including holidays.

D-Link Assist Silver - for prompt same-day assistance

D-Link Assist Silver is designed for 'high availability' businesses that require rapid response within regular working hours. It provides a four hour response service Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist Bronze - for guaranteed response on the next business day

D-Link Assist Bronze is a highly cost-effective support solution for less critical environments. Response is guaranteed within eight business hours Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist can be purchased together with any D-Link business product. So whether you're buying switching, wireless, storage, security or IP Surveillance equipment from D-Link, your peace of mind is guaranteed. D-Link Assist also offers installation and configuration services to get your new hardware working quickly and correctly.

Technical Specifications

Camera

| | | |
|----------------------------|---|--|
| Camera Hardware Profile | <ul style="list-style-type: none"> • Sony Exmor 1/4" 1.3 Megapixel progressive CMOS sensor • Minimum illumination: 0.4 lux • (Color); 0.04 lux (B/W) • 10X digital zoom • DC iris varifocal lens: 3.5 mm to 8 mm | <ul style="list-style-type: none"> • Built-in Infrared-Cut Removable (ICR) • Aperture F 1.4 • Angle of view <ul style="list-style-type: none"> • 35.4° to 77.6° (H) • 26.6° to 57.6° (V) |
| Image Features | <ul style="list-style-type: none"> • Configurable image size, quality, frame rate, and bit rate • Time stamp and text overlays • Configurable motion detection windows | <ul style="list-style-type: none"> • 3 configurable privacy mask zones • Configurable brightness, saturation, white balance, shutter speed, contrast, and sharpness |
| Video Compression | <ul style="list-style-type: none"> • Simultaneous H.264/MPEG-4/MJPEG format compression • H.264/MPEG-4 multicast streaming | <ul style="list-style-type: none"> • JPEG for still images |
| Video Resolution | <ul style="list-style-type: none"> • 16:9 - 1280 x 720, 800 x 450, 640 x 360, 480 x 270, 320 x 176, 176 x 144 up to 30 fps recording¹ | <ul style="list-style-type: none"> • 4:3 - 1280 x 1024, 1280 x 960, 1024 x 768, 800 x 600, 640 x 480, 480 x 360, 320 x 240, 176 x 144 up to 30 fps recording¹ |
| Audio Support | <ul style="list-style-type: none"> • GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps • G.726 audio encoding, bit rate: 8 kbps to 64 kbps | <ul style="list-style-type: none"> • MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps |
| External Device Interfaces | <ul style="list-style-type: none"> • 10/100 BASE-TX Fast Ethernet port • 2 DI / 1 DO interface • 12 V DC, 200 mA Output | <ul style="list-style-type: none"> • RS-485 • Audio input/output • Video Output |

Network

| | | |
|-------------------|--|---|
| Network Protocols | <ul style="list-style-type: none"> • IPv4 • TCP/IP • UDP • ICMP • DHCP client • NTP client (D-Link) • DNS client • DDNS client (D-Link) • SMTP client • FTP client • HTTP / HTTPS | <ul style="list-style-type: none"> • Samba client • PPPoE • UPnP port forwarding • RTP / RTSP / RTCP • IP filtering • 3GPP • IGMP • ONVIF compliant |
| Security | <ul style="list-style-type: none"> • Administrator and user group protection • Password authentication | <ul style="list-style-type: none"> • HTTP and RTSP digest encryption |

System Management

| | | |
|---------------------------------------|---|--|
| System Requirements for Web Interface | <ul style="list-style-type: none"> • Operating system: Microsoft Windows, XP, Vista, 7 • Browser: Internet Explorer, Firefox, Chrome | |
| Event Management | <ul style="list-style-type: none"> • Motion detection • Tamper detection² • Event notification and uploading of snapshots/video clips via HTTP, SMTP or FTP | <ul style="list-style-type: none"> • Supports multiple HTTP, SMTP and FTP servers • Multiple event notifications • Multiple recording methods for easy backup |
| Remote Management | <ul style="list-style-type: none"> • Take snapshots/video clips and save to local hard drive or NAS via web browser | <ul style="list-style-type: none"> • Configuration interface accessible via web browser |
| Mobile Support | <ul style="list-style-type: none"> • Devices with 3GPP playback support | |
| D-ViewCam™ System Requirements | <ul style="list-style-type: none"> • Operating system: Microsoft Windows 7/Vista/XP • Web browser: Internet Explorer 6 or higher | <ul style="list-style-type: none"> • Protocol: standard TCP/IP |
| D-ViewCam™ Software Functions | <ul style="list-style-type: none"> • Remote management/control of up to 32 cameras • Viewing of up to 32 cameras on one screen | <ul style="list-style-type: none"> • Supports all management functions in web interface • Scheduled motion triggered, or manual recording options |

| Physical | |
|-------------------|---|
| Weight | • 560 g |
| Power | • 12 V DC • 802.3af PoE |
| Power Consumption | • 3.6 W. |
| Temperature | • Operating: -10 to 40 °C • Storage: -20 to 70 °C |
| Humidity | • Operating: 20% to 80% non-condensing • Storage: 5% to 95% non-condensing |
| Certifications | • CE • CE LVD • ICES-003 • FCC • C-Tick |
| Dimensions | |

¹ Frame rates when streaming video may vary depending on network conditions and method used.

² Available in future firmware update.



For more information: www.dlink.com