

## Product Highlights

### Full HD Resolution

Full HD-1080P 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-3716

# Full HD WDR PoE Day/Night Fixed Network Camera

## Features

### High Definition Video

- Sony Exmor 1/2.8" 1.3 Megapixel CMOS
- progressive sensor
- DC iris varifocal 3.1 mm (W) to 8 mm (T)  
F1.2 CS mount lens
- Full HD resolution up to 3M (1920x1080)
- Real-time H.264, MPEG-4 and Motion JPEG compression
- Built-in removable IR-cut filter for day/night surveillance
- WDR for high contrast environments
- ePTZ for virtual PTZ operation
- Multi-stream support
- Privacy mask

### 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-3716 is a Full High-Definition WDR Day & Night Network camera with PoE that provides remote monitoring over the Internet. With a progressive 3 Megapixel CMOS sensor, built-in IR-cut filter, and WDR technology, the DCS-3716 can capture high-definition images under the most extreme lighting conditions.

## High Resolution Surveillance

The D-Link DCS-3716 is a high-end HD Day & Night Network Camera, equipped with a 1/2.8" 3 Megapixel WDR Progressive Scan CMOS sensor and a 3.1-8mm auto iris lens. The camera can capture Full HD video at resolutions of up to 1920 x 1080 (maximum 2048 x 1536) at frame rates up to 30 fps. Snapshots and video can be saved to a network drive, or to onboard storage through the built-in SD Card slot.

## Multiple Video Streams

The DCS-3716 supports simultaneous streaming of H.264, MPEG-4, and MJPEG video to provide both high-quality and bandwidth-efficient compression formats. Each streaming profile can be independently configured with its own resolution, frame rate and compression type. The DCS-3716 also supports full-time analog video out, useful for aiming & focusing the camera or for use with an existing public view monitor.

## Wide Dynamic Range (WDR) Applications

The Wide Dynamic Range (WDR) function provides properly exposed video even under backlit conditions where the intensity of illumination can vary significantly, making the DCS-3716 ideal for high-contrast environments such as such as lobbies, entryways and shipping docks.

## Flexible Connectivity

The DCS-3716 incorporates Power over Ethernet (PoE), which allows it to be easily installed in a variety of locations, even when no power outlet is nearby. The DCS-3716 also includes input and output ports that allow connectivity to external devices such as IR sensors, switches, and alarm relays. An RS-485 interface provides connectivity to an optional pan/tilt enclosure which effectively adds pan/tilt functionality to the DCS-3716.

## Easy to Configure and Operate

This network camera supports the Universal Plug-n-Play feature, which allows computers running on Windows XP/Vista/7 to automatically recognise the camera and add it to the network.

## 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-3716 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.

## D-Link Assist Rapid Response Support

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"> <li>• Sony Exmor 1/2.8" 3 Megapixel progressive CMOS sensor</li> <li>• Minimum illumination: 0.5 lux (Color); 0.05 lux (B/W)</li> <li>• 10X digital zoom</li> <li>• DC iris varifocal lens: 3.1 mm to 8 mm</li> </ul>	<ul style="list-style-type: none"> <li>• WDR SN ratio : 100 dB</li> <li>• Aperture F 1.2</li> <li>• Angle of view               <ul style="list-style-type: none"> <li>• 38.7° to 95.9° (H)</li> <li>• 29.1° to 71.1° (V)</li> </ul> </li> </ul>
Image Features	<ul style="list-style-type: none"> <li>• Configurable image size, quality, frame rate, and bit rate</li> <li>• Time stamp and text overlays</li> <li>• Configurable motion detection windows</li> </ul>	<ul style="list-style-type: none"> <li>• 3 configurable privacy mask zones</li> <li>• Configurable WDR, brightness, saturation, white balance, shutter speed, contrast, and sharpness</li> </ul>
Video Compression	<ul style="list-style-type: none"> <li>• Simultaneous H.264/MPEG-4/MJPEG format compression</li> <li>• H.264/MPEG-4 multicast streaming</li> </ul>	<ul style="list-style-type: none"> <li>• JPEG for still images</li> </ul>
Video Resolution	<ul style="list-style-type: none"> <li>• 16:9 - 1920 x 1080, 1280 x 720, 800 x 450, 640 x 360, 480 x 270, 320 x 176, 176 x 144 up to 15 fps recording<sup>1</sup></li> </ul>	<ul style="list-style-type: none"> <li>• 4:3 - 2048 x 1536, 1600 x 1200, 1024 x 768, 800 x 600, 640 x 480, 480 x 360, 320 x 240, 176 x 144 up to 30 fps recording<sup>1</sup></li> </ul>
Audio Support	<ul style="list-style-type: none"> <li>• G.726 audio encoding, bit rate: 8 kbps to 64 kbps</li> </ul>	
External Device Interfaces	<ul style="list-style-type: none"> <li>• 10/100 BASE-TX Fast Ethernet port</li> <li>• 2 DI / 1 DO interface</li> <li>• 12 V DC, 200 mA Output</li> </ul>	<ul style="list-style-type: none"> <li>• RS-485</li> <li>• Audio input/output</li> <li>• Video Output</li> </ul>
Network		
Network Protocols	<ul style="list-style-type: none"> <li>• IPv4</li> <li>• TCP/IP</li> <li>• UDP</li> <li>• ICMP</li> <li>• DHCP client</li> <li>• NTP client (D-Link)</li> <li>• DNS client</li> <li>• DDNS client (D-Link)</li> <li>• SMTP client</li> <li>• FTP client</li> <li>• HTTP / HTTPS</li> </ul>	<ul style="list-style-type: none"> <li>• Samba client</li> <li>• PPPoE</li> <li>• UPnP port forwarding</li> <li>• RTP / RTSP / RTCP</li> <li>• IP filtering</li> <li>• 3GPP</li> <li>• IGMP</li> <li>• ONVIF compliant</li> </ul>
Security	<ul style="list-style-type: none"> <li>• Administrator and user group protection</li> <li>• Password authentication</li> </ul>	<ul style="list-style-type: none"> <li>• HTTP and RTSP digest encryption</li> </ul>
System Management		
System Requirements for Web Interface	<ul style="list-style-type: none"> <li>• Operating system: Microsoft Windows, XP, Vista, 7</li> <li>• Browser: Internet Explorer, Firefox, Chrome</li> </ul>	
Event Management	<ul style="list-style-type: none"> <li>• Motion detection</li> <li>• Tamper detection<sup>2</sup></li> <li>• Event notification and uploading of snapshots/video clips via HTTP, SMTP or FTP</li> </ul>	<ul style="list-style-type: none"> <li>• Supports multiple HTTP, SMTP and FTP servers</li> <li>• Multiple event notifications</li> <li>• Multiple recording methods for easy backup</li> </ul>
Remote Management	<ul style="list-style-type: none"> <li>• Take snapshots/video clips and save to local hard drive or NAS via web browser</li> </ul>	<ul style="list-style-type: none"> <li>• Configuration interface accessible via web browser</li> </ul>
Mobile Support	<ul style="list-style-type: none"> <li>• Devices with 3GPP playback support</li> </ul>	
D-ViewCam™ System Requirements	<ul style="list-style-type: none"> <li>• Operating system: Microsoft Windows 7/Vista/XP</li> <li>• Web browser: Internet Explorer 6 or higher</li> </ul>	<ul style="list-style-type: none"> <li>• Protocol: standard TCP/IP</li> </ul>

**Full HD WDR PoE Day/Night Fixed Network Camera**

D-ViewCam™ Software Functions	<ul style="list-style-type: none"> <li>• Remote management/control of up to 32 cameras</li> <li>• Viewing of up to 32 cameras on one screen</li> </ul>	<ul style="list-style-type: none"> <li>• Supports all management functions in web interface</li> <li>• Scheduled motion triggered, or manual recording options</li> </ul>
<b>Physical</b>		
Weight	• 580 g	
Power	<ul style="list-style-type: none"> <li>• 12 V DC</li> <li>• 802.3af PoE</li> </ul>	
Power Consumption	• 4 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	<ul style="list-style-type: none"> <li>• CE</li> <li>• CE LVD</li> <li>• ICES-003</li> </ul>	<ul style="list-style-type: none"> <li>• FCC</li> <li>• C-Tick</li> </ul>
Dimensions		

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

<sup>2</sup> Available in future firmware update



For more information: [www.dlink.com](http://www.dlink.com)