



## DCS-3716

### Full HD Day & Night WDR Network Camera



#### Product Highlights:

##### 3 Megapixel Resolution

Full HD-1080P high resolution images ensure that you capture the details that 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 codec

##### Features:

- Sony Exmor 1/2.8" 3 Megapixel CMOS progressive sensor
- Real-time H.264, MPEG-4, and Motion JPEG compression
- Full HD resolution (1920x1080) up to 3M (2048x1536)
- DC iris varifocal 3.1 mm (W) to 8 mm (T) F1.2 CS mount lens
- Built-in removable IR-cut filter for day/night surveillance
- WDR to handle strong light sources
- Simultaneous multi-stream support
- ePTZ
- Supports multiple access list
- Privacy Mask feature
- SD Card slot
- 2-way audio support
- 2 alarm inputs / 1 alarm output
- Power over Ethernet (PoE)
- 3GPP mobile surveillance
- Built-in Samba client for NAS
- ONVIF compliant
- Analogue BNC output
- RS-485 interface for easy integration with pan / tilt units

#### High Resolution Surveillance

The D-Link DCS-3716 is a high-end Full HD Day & Night WDR Network Camera, equipped with a 1/2.8" 3 Megapixel WDR Progressive Scan CMOS sensor and a 3.1-8.0 mm DC auto iris lens. The DCS-3716 captures video in both dark and light environments, or even subjects shot against a backlight by neutralising imperfect lighting and generating a realistic image. In addition, the removable IR-cut filter for day/night functionality provides clear detail and high quality video at any point during the day or night. The DCS-3716 incorporates Power over Ethernet (PoE) and an SD card slot, allowing it to be easily installed in a variety of locations.

#### 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. MJPEG delivers excellent file integrity, ideal for situations which require high image detail. H.264 and MPEG-4 produce a small file size, useful for extended recording or for use in low-bandwidth networks. Additionally, the DCS-3716 supports multicast H.264 MPEG-4 streaming, allowing users to view the camera feed by subscribing to a multicast IP address on the network.

#### Flexible Connectivity

The DCS-3716 includes input and output ports allowing connectivity to external devices such as IR sensors, switches, and alarm relays. It also comes with an RS-485 interface, providing connectivity to an optional pan/tilt enclosure which effectively adds pan/tilt functionality to the DCS-3716. An additional 12 V interface provides power for an optional LED illuminator.

#### Wide Dynamic Range (WDR) Applications

The Wide Dynamic Range (WDR) function provides clear images even under backlit conditions where the intensity of illumination can vary significantly, making the DCS-3716 perfect for extreme high-contrast environments. For example, when placed indoors, the DCS-3716 will adjust itself to the intense sunlight that may be streaming in through a nearby window. This makes it an ideal solution for security applications.

#### 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 D-ViewCam™ IP camera surveillance software is a comprehensive surveillance system designed to centrally manage multiple IP cameras. Supporting up to 32 IP cameras, D-ViewCam™ is compatible with all current D-Link IP cameras, Video Servers and offers digital monitoring and recording capabilities of video, audio, and events for various security applications. This software provides users with a wide array of features for added convenience, including video recording, playback, video live view, offering users powerful surveillance software that's easy to use. D-ViewCam™ software is included free of charge with the DCS-3716.

# DCS-3716

## Full HD Day & Night WDR Network Camera



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>• Built-in Infrared-Cut Removable (ICR) Filter module</li> <li>• WDR SN ratio : 100 dB</li> <li>• 10X digital zoom</li> </ul>	<ul style="list-style-type: none"> <li>• DC iris varifocal length: 3.1 mm to 8.0 mm</li> <li>• Aperture: F1.2</li> <li>• Angle of view: (H) 38.7° to 95.9° (V) 29.1° to 71.0° (D) 48.3° to 123.1°</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 masks zone</li> <li>• Configurable WDR, white balance, shutter speed, brightness, saturation, contrast, sharpness</li> </ul>
	Video Compression	<ul style="list-style-type: none"> <li>• H.264/MPEG-4/MJPEG simultaneous format compression</li> <li>• JPEG for still images</li> </ul>	<ul style="list-style-type: none"> <li>• H.264/MPEG-4 multicast streaming</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</li> <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</li> <li>• 3M (2048x1536) resolution up to 15 fps, and other resolutions support frame rates up to 30 fps</li> </ul>	
	Audio Support	G.726	
	External Device Interface	<ul style="list-style-type: none"> <li>• 2 DI / 1 DO</li> <li>• 12 V DC, 200 mA Output</li> <li>• RS-485</li> </ul>	<ul style="list-style-type: none"> <li>• SD card</li> <li>• Audio input / output</li> <li>• Video output</li> </ul>
Network	Network Protocols	2 IPv4, TCP/IP, UDP, ICMP, DHCP Client, NTP Client (D-Link), DNS Client, DDNS Client (D-Link), SMTP Client, FTP Client, HTTP / HTTPS, Samba Client, PPPoE, UPnP Port Forwarding, RTP / RTSP / RTCP, IP filtering, 3GPP, IGMP, ONVIF compliant	
	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 7/Vista/XP/2000</li> <li>• Browser: Internet Explorer, Firefox, Netscape, Opera</li> </ul>	
	Event Management	<ul style="list-style-type: none"> <li>• Motion detection</li> <li>• Event notification and upload 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>• Configuration accessible via web browser</li> <li>• Take snapshots/video clips and save to local hard drive or NAS via web browser</li> </ul>	
	Mobile Support	Windows 7/Vista/XP system, Pocket PC, or mobile phone with 3GPP playback support	
	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>
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 provided in web interface</li> <li>• Scheduled motion triggered, or manual recording options</li> </ul>	



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## Technical Specifications

General	Power Input	12V DC 1.25 A, 50/60 Hz, 802.3af PoE
	Max. Power Consumption	4 watts
	Operating Temperature	0 to 40 °C (32 to 104 °F)
	Storage Temperature	-20 to 70 °C (-4 to 158 °F)
	Humidity	20% to 80% non-condensing
	Weight	580 g
	Certifications	CE (Class A), CE LVD (EN60965-1), FCC (Class A), ICES-003, C-Tick
Dimensions		
	79.7 x 52.9 x 190.0 (W x H x D)	

For further information: [www.dlink.eu](http://www.dlink.eu)



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