

## Product Highlights

### 5 Megapixel 2560 x 1920 Resolution

A 5 megapixel sensor provides stunning high resolution images, helping to ensure that you capture the details you need

### Motorised Varifocal Lens with WDR

Zoom and focus remotely whilst WDR neutralises imperfect lighting, providing clear images with the right amount of contrast even for backlit subjects

### Rugged Construction

An IP66 weatherproof housing with sunshield makes the DCS-7517 ideal for the most demanding of surveillance applications



## DCS-7517

# 5 Megapixel Varifocal Outdoor Network Camera

## Features

### Exceptional Video Quality

- 1/3.2" 5 Megapixel CMOS sensor
- Full HD resolution of 1920 x 1080, max. 2560 x 1920
- 2.8 ~ 12 mm motorised varifocal lens
- Remote zoom and focus
- Wide Dynamic Range image enhancement
- H.264, MJPEG codec support for streaming and recording

### Outdoor Placement

- Built-in IR LED illuminator with a 30 metre range for use in dark areas
- Built-in heating and cooling capabilities ensure camera can work in a wide range of climates from -40 °C to 50 °C
- Range of mounting options for flexible placement
- Rugged IP66 weatherproof housing
- Sunshield to protect unit when mounted outdoors

### Flexibility

- microSD card slot for on-board storage<sup>1</sup>
- 10/100 Fast Ethernet port with PoE ensures easy integration into your network
- DI/DO socket for connection to external devices
- Audio in and out jacks can be connected to a microphone and speaker for 2-way audio

The D-Link DCS-7517 5 Megapixel Varifocal Outdoor Network Camera is a high definition professional surveillance and security solution suitable for small, medium, and large enterprises. The camera uses a 5 megapixel progressive scan CMOS sensor with a motorised varifocal lens and on-board WDR image enhancement, to deliver truly superior quality video in all conditions. The remote focus function eliminates the need for manual focusing at the camera's position and allows you to make adjustments remotely. The all-in-one rugged design makes this camera extremely reliable and ideal for deployment in surveillance applications without the need for additional accessories.

## WDR Image Enhancement

The DCS-7517 WDR image enhancement gives you improved image quality in environments with uneven or difficult lighting, so you can identify subjects that are backlit or in brightly lit areas. In low-light situations, the IR cut filter automatically slides out of the way to use all available light. The DCS-DCS-7517 is also built with IR LED illuminators with a 30 metre range, allowing the camera to function even in complete darkness. These features work together to give you a reliable surveillance camera capable of monitoring an area 24 hours a day.

## Built for the Outdoors

Specially built for outdoor use, the DCS-7517 has an IP66 weatherproof housing that protects it from dirt and rain. Combined with its power over Ethernet (PoE) capability, the DCS-7517 truly is a versatile solution that can be used in a wide range of applications.

## Continuous Monitoring

In low-light situations, the IR cut filter automatically slides out of the way to use all available light. The DCS-7517 also has built-in IR LED illuminators with a 30 metre range, allowing the camera to keep watch even in complete darkness. These features work together to give you a reliable surveillance camera capable of monitoring an area 24 hours a day.

To maximise bandwidth efficiency and improve image quality, the DCS-7517 provides real-time video compression using the H.264 and MJPEG codecs, and supports three separate profiles for simultaneous video streaming and recording. Bandwidth requirements can be adjusted in real-time over the network, and recorded video files can be saved to a network attached storage (NAS) device or SD card.

This versatility enables a wide variety of security applications, such as monitoring public areas to detect incidents and to coordinate responses, enforcing access control to restricted areas, deterring criminal activity, or monitoring inventory.

## Flexible Connectivity

The DCS-7517 has a built-in 802.3af compliant PoE module that simplifies installation by providing power and networking connectivity with a single cable, reducing the need to drill holes or lay additional cabling. In addition, the included digital input and output connector enables connections to external devices such as IR sensors, switches and alarm relays.

## Robust Management Software

The DCS-7517 5 Megapixel Varifocal Outdoor Network Camera includes D-ViewCam, a complete surveillance software package that enables you to view, manage, and record from up to 32 cameras on a single computer in a central location. Recordings and e-mail alerts can be triggered through motion detection or events triggered by digital input devices, keeping administrators informed of any unusual activity.



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>• 1/3.2" 5 Megapixel CMOS sensor</li> <li>• 30 metre IR illumination distance</li> <li>• Built-in infrared-cut removable (ICR) filter module</li> <li>• Minimum illumination:               <ul style="list-style-type: none"> <li>• 0.5 lux colour mode</li> <li>• 0.1 lux black and white mode</li> <li>• 0 lux black and white mode with IR LED on</li> </ul> </li> <li>• Minimum object distance 0.3 m</li> </ul>	<ul style="list-style-type: none"> <li>• 2.8 ~ 12 mm motorised zoom varifocal DC iris lens</li> <li>• Aperture F1.8</li> <li>• Angle of view               <ul style="list-style-type: none"> <li>• (H) 25.49° to 85.02°</li> <li>• (V) 17.09° to 65.47°</li> </ul> </li> <li>• Shutter speed: 1/2.5 ~ 1/10,000</li> <li>• 4x digital zoom</li> </ul>
Camera Housing	<ul style="list-style-type: none"> <li>• IP66 compliant weatherproof housing</li> </ul>	<ul style="list-style-type: none"> <li>• Included sunshield</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>• 3 configurable motion detection windows</li> <li>• Tamper detection</li> </ul>	<ul style="list-style-type: none"> <li>• Configurable privacy mask zones</li> <li>• Configurable exposure, brightness, saturation, contrast, sharpness, white balance, WDR, flip and mirror</li> </ul>
Video Compression	<ul style="list-style-type: none"> <li>• Simultaneous H.264/MJPEG format compression</li> <li>• H.264 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 1920x1080, 1280x720, 960 x 540 at up to 30 fps</li> </ul>	<ul style="list-style-type: none"> <li>• 4:3 - 2560x1920, 2048x1536, 1600x1200, 1280x960 at up to 15 fps</li> </ul>
Audio Support	<ul style="list-style-type: none"> <li>• AAC</li> </ul>	<ul style="list-style-type: none"> <li>• G.711</li> </ul>
External Device Interfaces	<ul style="list-style-type: none"> <li>• 10/100 BASE-TX Ethernet port with PoE</li> <li>• 1 DI / 1 DO</li> <li>• Reset button</li> </ul>	<ul style="list-style-type: none"> <li>• Video out (BNC)</li> <li>• microSD card slot (SD/SDHC)</li> <li>• Audio input / output</li> </ul>

**Network**

Network Protocols	<ul style="list-style-type: none"> <li>• IPv6</li> <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> </ul>	<ul style="list-style-type: none"> <li>• HTTP / HTTPS</li> <li>• Samba client</li> <li>• PPPoE</li> <li>• UPnP port forwarding</li> <li>• RTP / RTSP / RTCP</li> <li>• IP filtering</li> <li>• QoS</li> <li>• CoS</li> <li>• Multicast</li> <li>• ONVIF compliant</li> <li>• SNMP</li> </ul>
Security	<ul style="list-style-type: none"> <li>• Administrator and user group protection</li> <li>• Remote client access control</li> </ul>	<ul style="list-style-type: none"> <li>• HTTP and RTSP authentication</li> <li>• HTTPS encryption for web access</li> </ul>

**System Management**

System Requirements for Web Interface	<ul style="list-style-type: none"> <li>• Browser: Internet Explorer 7 or higher, Firefox, or Safari</li> </ul>	
Event Management	<ul style="list-style-type: none"> <li>• Motion detection</li> <li>• Event notification and uploading of snapshots/video clips via e-mail 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</li> </ul>	<ul style="list-style-type: none"> <li>• Configuration interface accessible via web browser</li> </ul>
OS Support (for setup utility)	<ul style="list-style-type: none"> <li>• Operating system: Windows 8/7/Vista/XP/2000</li> </ul>	
D-ViewCam™ System Requirements	<ul style="list-style-type: none"> <li>• Operating system: Windows 8/7/Vista/XP/2000</li> <li>• Web browser: Internet Explorer 7 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>• Supports all management functions provided in web interface</li> </ul>	<ul style="list-style-type: none"> <li>• Viewing of up to 32 cameras on one screen</li> <li>• Scheduled motion triggered, or manual recording options</li> </ul>

# DCS-7517 5 Megapixel Varifocal Outdoor Network Camera

General	
Weight	• 1.25 kg (2.75 lbs) for camera only, without sunshield and mounting bracket
Power	• External power adapter: 12 V DC 1.5 A, 50/60 Hz • PoE: IEEE 802.3af Class 0
Power Consumption	• Max:12.48 W
Temperature	• Operating: -40 to 50 °C (-40 to 122 °F) • Storage: -20 to 70 °C (-4 to 158 °F)
Humidity	• Operating: 20% to 80% non-condensing • Storage: 5% to 95% non-condensing
Certifications	• CE • CE LVD • ICES-003 • FCC • C-Tick
Dimensions	<p>The technical drawings show the camera's dimensions. The top view indicates a diameter of Ø110 for the mounting bracket and Ø83 for the camera body. The side view shows a total width of 290.34 and a height of 135.59.</p>

<sup>1</sup> Camera is compatible with microSD SD/SDHC/SDXC cards up to v3.01. Camera is not compatible with v4.x cards.



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

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