D-Link®
Building Networks for People

Product Highlights

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

5 Megapixel Resolution
A 5 megapixel sensor provides 1080p and beyond - supporting a maximum resolution of 2560 x 1920

24/7 Surveillance Solution
Integrated IR LEDs and automatic IR cut filter provide clear video, even in complete darkness

DCS-7517
5 Megapixel Day & Night Outdoor Network Camera

Features

Beyond HD Video Quality
- 1/3.2" 5 Megapixel CMOS sensor
- Full HD resolution of 1920 x 1080, maximum 2560 x 1920
- Digital Wide Dynamic Range
- H.264, MJPEG codec support for streaming and recording
- Motion detection
- Privacy mask

Outdoor Placement
- Built-in IR LED illuminator with a 90 foot range
- Built-in heating and cooling capabilities ensure reliable operation from -40°F to 122°F
- Mounting options for flexible placement
- Rugged IP66 weatherproof housing
- Includes removable sunshield

Flexibility
- microSD Card slot for onboard storage[1]
- 10/100 Fast Ethernet port with PoE
- DI/DO socket for connection to external devices
- Audio in and out jacks can be connected to a microphone and speaker for 2-way communication

Camera Overview

The D-Link DCS-7517 5 Megapixel Day & Night Outdoor Network Camera is a high definition professional surveillance and security solution suitable for small, medium, and large enterprises. The camera uses a high resolution 1/3" 5 megapixel sensor with digital WDR image enhancement to deliver balanced video in varying lighting conditions. With 2560 x 1920 resolution, the DCS-7517 captures more detail in areas such as license plates, faces and currency. The rugged design makes this camera ideal for deployment in a wide variety of surveillance applications.

High-Quality Streaming & Recording

To maximize 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. 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.

Continuous Monitoring

The DCS-7517's digital wide dynamic range (WDR) video 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-7517 also has built-in IR LED illuminators with a 90 foot 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.

Video Management Software

The DCS-7517 5 Megapixel Day & Night 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.

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.

Technical Specifications

Camera

Camera Hardware Profile	• 1/3.2" 5 Megapixel CMOS sensor
	• 90 feet IR illumination distance
	• Automatic Infrared-Cut Filter module for night viewing
	• Minimum illumination:
	  • 0.5 lux (color)
	  • 0.1 lux (B/W)
	  • 0 lux / (IR-LED)
	• Minimum object distance: 11.8"
		• 2.8 to 12 mm motorized zoom Varifocal DC Iris Lens
		• Aperture: F 1.8
		• Angle of view:
		  • (H) 25° - 85°
		  • (V) 17° - 65°
		• Shutter Speed: 1/2.5 to 1/10,000
		• 4x digital zoom

Camera Housing	• IP66 compliant weatherproof housing	• Includes sunshield
Image Features	• Configurable image size, quality, frame rate, and bit rate • Time stamp and text overlays • 3 configurable motion detection windows • Tamper detection	• Configurable privacy mask zones • Configurable shutter speed, brightness, saturation, contrast, sharpness, WDR, flip and mirror
Video Compression	• Simultaneous H.264/MJPEG format compression • Multicast streaming	• JPEG for still images
Video Resolution	• 16:9 1920 x 1080, 1280 x 720, 960 x 540 at up to 30 fps	• 4:3 - 2560 x 1920, 2048 x 1536, 1600 x 1200, 1280 x 960 at up to 15 fps
Audio Support	• AAC	• G.711
External Device Interfaces	• 10/100 BASE-TX Ethernet port with PoE • 1 DI / 1 DO • Reset button	• Video Out (BNC) • microSD card Slot (SD/SDHC) • Audio input / output

Network

Network Protocols	• IPv6 • 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 • QoS • CoS • Multicast • ONVIF compliant • SNMP
Security	• Administrator and user group protection • Remote client access control	• HTTP and RTSP authentication • HTTPS encryption for web access

System Management

System Requirements for Web Interface	• Browser: Internet Explorer 8 or higher, Firefox, Chrome, Safari	
Event Management	• Motion detection • Event notification and uploading of snapshots/video clips via e-mail or FTP	• Supports multiple HTTP, SMTP and FTP servers • Multiple event notifications • Multiple recording methods for easy backup
Remote Management	• Take snapshots/video clips and save to local hard drive	• Configuration interface accessible via web browser
OS Support (for setup utility)	• Operating System: Windows 8/7/Vista	
D-ViewCam™ System Requirements	• Operating System: Microsoft Windows 8/7/Vista • Web Browser: Internet Explorer 8 or higher	• Protocol: Standard TCP/IP
D-ViewCam™ Software Functions	• Remote management/control of up to 32 cameras • Supports all management functions provided in web interface	• Viewing of up to 32 cameras on one screen • Scheduled motion triggered, or manual recording options

General

Weight	• 2.75 lbs (1.25 kg) ± 5% for camera only, without sunshield and mounting bracket	
Power	• External power adapter: 12 V DC 1.5 A. 50/60 Hz, IEEE	• PoE: 802.3af Class 0
Power Consumption	• Max: 12.48 W	
Temperature	• Operating: -40° to 122° F (-40° to 50° C)	• Storage: -4° to 158° F (-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
Warranty	• 5 Year Warranty[1]	

Dimensions

Ø 4.33" (110mm)

Ø 3.27" (83mm)

11.43" (290.3mm)

5.35" (136mm)
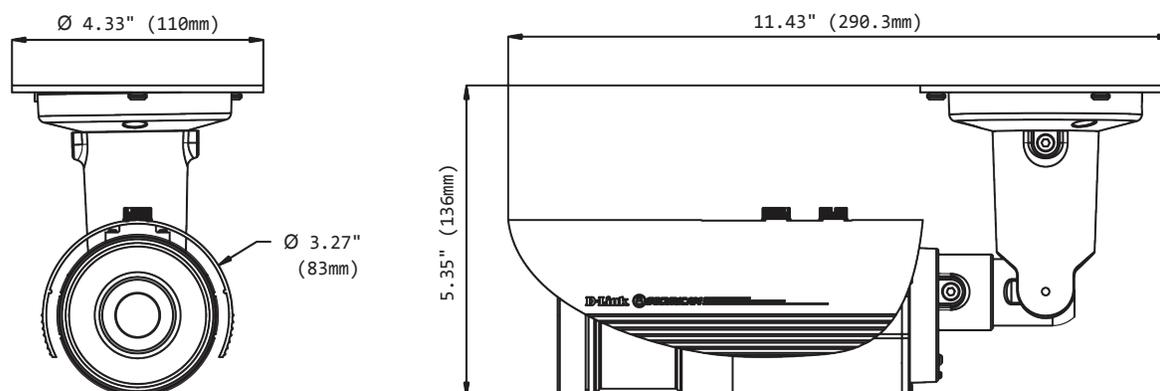
Ordering Information

Part Number	Description
DCS-7517	5 Megapixel Day & Night Outdoor Network Camera

[1]5-Year warranty is available in US only
Updated 14-January-2016
Hardware Revision A1
DCS-7517-REVA_DATASHEET_1.00_EN_US.PDF

JustConnect+ Remote Viewing app available on:

Available on the **App Store**

ANDROID APP ON **Google play**

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