D-Link®
Building Networks for People

Product Highlights

Full HD Resolution (1080p)

The professional 2 megapixel progressive scan CMOS sensor is ideal for surveillance applications

Reliable 24-Hour Surveillance

Infrared LED Illuminators provide sharp images at night up to 30 meters for dependable 24-hour surveillance

Outdoor Installation

The IP68 rated weatherproof enclosure means the camera can be mounted outdoors in temperatures ranging from -40 to 50 °C

DCS-7413
Full HD Day & Night Outdoor Network Camera

Features

Full HD Camera
- 1/2.7" 2 megapixel progressive CMOS sensor
- Megapixel fixed lens with focal length of 3.6 mm, and an F1.8 aperture
- Up to Full HD resolution of 1920x1080 at 30 fps
- H.264, MPEG-4, MJPEG codec support for streaming and recording

Outdoor placement
- Built-in IR LED illuminator with a 30 meter range for use in dark areas
- Built-in heating and cooling capabilities ensure the camera can work in a wide range of climates from -40 °C to 50 °C
- Protective bracket for cables
- IP68 certified housing
- Glare reducing sun shield

Flexibility and Connectivity
- SD/SDHC Card slot for onboard storage
- 10/100 Fast Ethernet port with PoE (Power over Ethernet) ensures easy integration into your network
- Digital Input and Output connector for connections to external devices such as alarm relays
- Audio in and out jacks can be connected to a microphone and speaker for 2-way communication

The D-Link DCS-7413 Full HD 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-sensitivity 2 megapixel progressive scan CMOS sensor to deliver truly superior quality video under a wide range of lighting conditions. The all-in-one rugged design makes this camera ideal for reliable deployment in surveillance applications without the need for additional accessories.

High-Quality Video

To maximize bandwidth efficiency and improve image quality, the DCS-7413 provides real-time video compression using the MPEG-4 and MJPEG codecs, as well as H.264 which produces a small file size that makes it useful for extended recording with high detail or for use in low-bandwidth networks. Furthermore, the DCS-7413 supports three separate profiles for simultaneous video streaming and recording. This kind of 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 built-in IR LED illuminators automatically turn on based on lighting conditions, allowing the camera to capture video even in low-light or no-light conditions. This feature allows the camera to capture crisp color video during the daytime, and sharp grayscale video in low-light conditions. The DCS-7413 can detect moving objects in total darkness for distances of up to 30 meters. Embedded with a powerful SoC (System-on-Chip), the camera provides real-time video compression in H.264, MPEG-4 and MJPEG formats. These elements combine to make the DCS-7413 an ideal solution for 24-hour surveillance.

Robust Management Software

The Full HD 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 from 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.

Connectivity

The DCS-7413 has a built-in 802.3af compliant PoE module that eases 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.

Technical Specifications

Camera

Camera Hardware Profile	• 1/2.7" 2 Megapixel progressive CMOS sensor
	• 30 meter IR illumination distance
	• Minimum illumination: 0 lux with IR LEDs on
	• Built-in Infrared-Cut Removable (ICR) Filter module
	• 10x digital zoom
	• Minimum object distance 0.84 M
		• Focal length: 3.6 mm
		• Aperture: F1.8
		• Angle of view:
		  • (H) 88°
		  • (V) 50.4°
		  • (D)101°

Camera Housing	• IP-68 compliant weatherproof housing	• Cable management bracket
Image Features	• Configurable image size, quality, frame rate, and bit rate • Time stamp and text overlays • Configurable motion detection windows	• Configurable privacy mask zones • Configurable shutter speed, brightness, saturation, contrast, and sharpness
Video Compression	• Simultaneous H.264/MPEG-4/MJPEG format compression • H.264/MPEG-4 multicast streaming	• JPEG for still images
Video Resolution	• 16:9 at 1920 x 1080, 1280 x 720, 800 x 450, 640 x 360, 480 x 270, 320 x 176, 176 x 144 up to 30 fps	• 4:3 at 1440 x 1080, 1280 x 960, 1024 x 768, 800 x 600, 640 x 480, 320 x 240, 176 x 144 up to 30 fps
Audio Support	• G.726	• G.711
External Device Interface	• 10/100 BASE-TX Fast Ethernet port with support for 802.3af PoE • SD/SDHC/SDXC card slot, accepts cards up to 64 GB	• Audio input/output • DI/DO Connector 12 V DC 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 • IGMP • SNMP • ONVIF compliant
Security	• Administrator and user group protection • Password authentication	• HTTP and RTSP authentication

System Management

System Requirements for Web Interface	• Browser: Internet Explorer, Firefox, Chrome, or Safari	
Event Management	• Motion detection • Event notification and uploading of snapshots/video clips via e-mail or FTP	• Supports multiple 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
Operating System	• Windows 8/7/Vista/XP/2000	
D-ViewCam™ System Requirements	• Operating System: Microsoft Windows 8/7/Vista/XP • Web Browser: Internet Explorer 7 or higher	• Protocol: Standard TCP/IP
D-ViewCam™ Software Functions	• Remote management • Control and manage up to 32 cameras • View up to 32 cameras on one screen	• Management functions provided in web interface • Scheduled motion triggered and manual recording

General

Weight	• 1.92 kg with bracket and sun shield (4.23 lbs)	
External Power Adapter	• Input: 100 to 240 V AC, 50/60 Hz	• Output: 12 V 1.25 A
Power Consumption	• 12.3 watts ± 5 %	
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	• FCC • C-Tick
Dimensions		

97.5 mm

249.1 mm

100 mm

316.5 mm

223.5 mm

90.7 mm

120 mm

216.7 mm

Order Information

Part Number	Description
DCS-7413	Full HD Day & Night Outdoor Network Camera

Updated 2013/12/02

D-Link®

Building Networks for People