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Building Networks for People

Product Highlights

1080p HD Resolution

The professional 3 megapixel progressive scan CMOS sensor is ideal for surveillance applications

Reliable 24-Hour Surveillance

Infrared LED illuminators provide sharp images at night up to 20 meters for dependable 24-hour surveillance

Outdoor Installation

The IP66 rated weatherproof enclosure means the camera can be mounted outdoors in temperatures ranging from -30 to 50 °C

DCS-4703E

Vigilance Full HD Outdoor PoE Mini Bullet Camera

Features

1080p HD Camera

- 1/3" 3 megapixel progressive CMOS sensor
- Fixed lens with focal length of 3.6 mm, and an F1.8 aperture
- Up to resolution of 1080p at 30 fps
- H.264, MJPEG codec support for streaming and recording

Outdoor placement

- Built-in IR LED illuminator with a 20 meter range for use in dark areas
- Works in a wide range of climates from -30 °C to 50 °C
- Protective bracket for cables
- IP66 certified housing
- Glare reducing sun shield
- Wide Dynamic Range image enhancement
- 3D filtering reduces image noise in low-light environments

Flexibility and Connectivity

- 10/100 Fast Ethernet port with PoE (Power over Ethernet) ensures easy integration into your network

The D-Link DCS-4703E Vigilance Full HD Outdoor PoE Mini Bullet Camera is a high-definition professional surveillance and security solution suitable for small, medium, and large enterprises. The camera uses a high-sensitivity 3 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.

Enhanced LowLight+ Video

Incorporating a highly sensitive CMOS sensor, the DCS-4703E provides outstanding performance in low-light conditions, rendering more vibrant color details regardless of the amount of light available. The noise reduction feature has also been upgraded and enhanced as well to provide a level of detail in the image quality that is unmatched by other offerings in the market.

Continuous Monitoring

The built-in IR LED illuminators automatically turn on depending on lighting conditions, allowing the camera to capture video even in low-light or no-light conditions. Combined with the IR-Cut filter, the DCS-4703E can also provide sharp grayscale video in low-light conditions. Embedded with a powerful SoC (System-on-Chip), the camera provides real-time video compression in H.264 and MJPEG formats. These elements combine to make the DCS-4703E an ideal solution for 24-hour surveillance.

Convenient Connectivity

The DCS-4703E 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.

Robust Management Software

The Vigilance Full HD Outdoor PoE Mini Bullet 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, keeping administrators informed of any unusual activity.

Technical Specifications

Camera

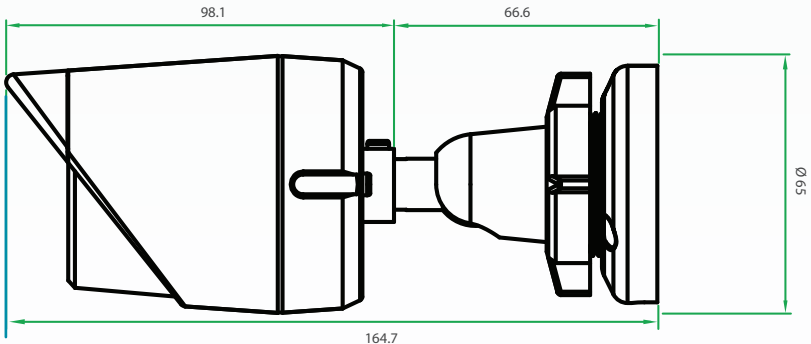|		

Camera Hardware Profile	• 1/3" 3 megapixel progressive CMOS sensor
	• 20 meter IR illumination distance
	• Minimum illumination:
	  • Day Mode: 0.2 lux
	  • Night Mode (LEDs off): 0.1 lux
	  • Night Mode (LEDs on): 0 lux
	• Built-in Infrared-Cut Removable (ICR) Filter module
	• 10x digital zoom
	• Minimum object distance 0.5 m
		• Focal length: 3.6 mm
		• Aperture: F1.8
		• Angle of view:
		  • (H) 70°
		  • (V) 40°
		  • (D) 80°

Camera Housing	• IP-66 compliant weatherproof housing	
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 • WDR • 3D filter
Video Compression	• Simultaneous H.264/MJPEG format compression • H.264/MJPEG multicast streaming	• JPEG for still images

Video Resolution	• 16:9
	  • 1920 x 1080, 1280 x 720, 800 x 448, 640 x 360 up to 30 fps
		• 4:3
		  • 2048 x 1536 up to 15 fps
		  • 1440 x 1080, 1280 x 960, 900 x 720, 800 x 592, 640 x 480 up to 30 fps

External Device Interface	• 10/100 BASE-TX Fast Ethernet port	• Supports 802.3af PoE

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 • 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
D-ViewCam™ System Requirements	• Operating System: Microsoft Windows 10/8/7/Vista • Web Browser: Internet Explorer 7 or higher	• Protocol: Standard TCP/IP
D-ViewCam™ Software Functions	• Supports all management functions provided in web interface • Scheduled motion triggered, or manual recording options	• Remote management/control of up to 32 cameras • Viewing of up to 32 cameras on one screen

General

Weight	• 430 g ± 5 %	
External Power Adapter	• Input: 100 to 240 V AC, 50/60 Hz	• Output: 12 V DC 1.5 A
Power Consumption	• 6.4 watts ± 5 % (PoE)	
Temperature	• Operating: -30 to 50 °C (-22 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		

Order Information

Part Number	Description
DCS-4703E	Vigilance Full HD Outdoor PoE Mini Bullet Camera

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