

Product Highlights

720p HD Resolution

The professional 1.3 megapixel progressive scan CMOS sensor is ideal for surveillance applications

Reliable 24-Hour Surveillance

Infrared LED illuminators provide sharp images at night up to 30 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-4701E

Vigilance HD Outdoor PoE Mini Bullet Camera

Features

720p HD Camera

- 1/3" 1.3 megapixel progressive CMOS sensor
- Fixed lens with focal length of 2.8 mm, and an F2.0 aperture
- Up to resolution of 1280 x 720 at 30 fps
- H.264, MJPEG codec support for streaming and recording

Outdoor placement

- Built-in IR LED illuminator with a 30 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-4701E Vigilance 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 1.3 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-4701E 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-4701E 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-4701E an ideal solution for 24-hour surveillance.

Convenient Connectivity

The DCS-4701E 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 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.

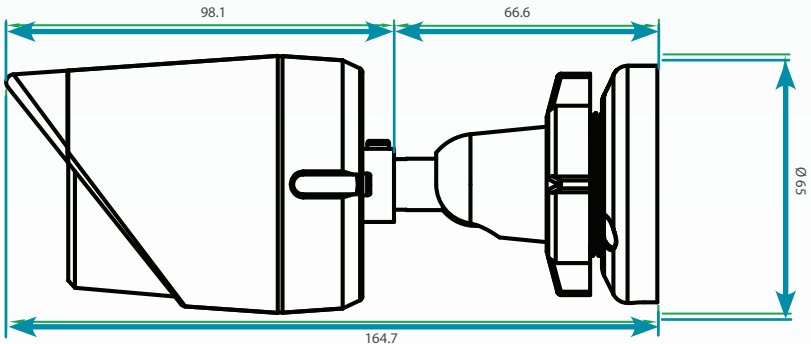
Technical Specifications

Camera

Camera Hardware Profile	<ul style="list-style-type: none"> • 1/3" 1.3 megapixel progressive CMOS sensor • 30 meter IR illumination distance • Minimum illumination: <ul style="list-style-type: none"> • 0.2 lux (color) • 0.1 lux (B/W) • 0 lux (IR LED on) • Built-in Infrared-Cut Removable (ICR) Filter module • 10x digital zoom • Minimum object distance 0.2 m 	<ul style="list-style-type: none"> • Focal length: 2.8 mm • Aperture: F2.0 • Angle of view: <ul style="list-style-type: none"> • (H) 96° • (V) 54° • (D) 108°
Camera Housing	<ul style="list-style-type: none"> • IP-66 compliant weatherproof housing 	<ul style="list-style-type: none"> • Wire-in bracket
Image Features	<ul style="list-style-type: none"> • Configurable image size, quality, frame rate, and bit rate • Time stamp and text overlays • Configurable motion detection windows • Configurable privacy mask zones 	<ul style="list-style-type: none"> • Configurable shutter speed, brightness, saturation, contrast, and sharpness • WDR • 3D filter
Video Compression	<ul style="list-style-type: none"> • Simultaneous H.264/MJPEG format compression • H.264/MJPEG multicast streaming 	<ul style="list-style-type: none"> • JPEG for still images
Video Resolution	<ul style="list-style-type: none"> • 16:9 - 1280 x 720, 800 x 448, 640 x 360, 480 x 272, 320 x 176 up to 30 fps 	<ul style="list-style-type: none"> • 4:3 - 960 x 720, 800 x 592, 640 x 480, 480 x 352, 320 x 240 up to 30 fps
External Device Interface	<ul style="list-style-type: none"> • 10/100 BASE-TX Fast Ethernet port 	<ul style="list-style-type: none"> • Supports 802.3af PoE

Network

Network Protocols	<ul style="list-style-type: none"> • IPv6 • IPv4 • TCP/IP • UDP • ICMP • DHCP client • NTP client (D-Link) • DNS client • DDNS client (D-Link) • SMTP client • FTP client 	<ul style="list-style-type: none"> • HTTP / HTTPS • Samba client • PPPoE • UPnP port forwarding • RTP / RTSP/ RTCP • IP filtering • QoS • CoS • Multicast • SNMP • ONVIF compliant
Security	<ul style="list-style-type: none"> • Administrator and user group protection • Password authentication 	<ul style="list-style-type: none"> • HTTP and RTSP authentication

System Management	
System Requirements for Web Interface	<ul style="list-style-type: none"> • Browser: Internet Explorer, Firefox, or Safari
Event Management	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Take snapshots/video clips and save to local hard drive • Configuration interface accessible via web browser
D-ViewCam™ System Requirements	<ul style="list-style-type: none"> • Operating System: Microsoft Windows 8/7/Vista • Web Browser: Internet Explorer 7 or higher • Protocol: Standard TCP/IP
D-ViewCam™ Software Functions	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 445 g ± 5 %
External Power Adapter	<ul style="list-style-type: none"> • Input: 100 to 240 V AC, 50/60 Hz • Output: 12 V DC 1.5 A
Power Consumption	<ul style="list-style-type: none"> • 4.7 watts ± 5 % (PoE)
Temperature	<ul style="list-style-type: none"> • Operating: -30 to 50 °C (-22 to 122 °F) • Storage: -20 to 70° C (-4° to 158° F)
Humidity	<ul style="list-style-type: none"> • Operating: 20 % to 80 % non-condensing • Storage: 5 % to 95 % non-condensing
Certifications	<ul style="list-style-type: none"> • CE • CE LVD • FCC • C-Tick
Dimensions	 <p>Technical drawing of the DCS-4701E camera showing dimensions:</p> <ul style="list-style-type: none"> 98.1 mm (width of main body) 66.6 mm (width of lens assembly) 164.7 mm (total length) 50.5 mm (height of lens assembly)

DCS-4701E Vigilance HD Outdoor PoE Mini Bullet Camera

Order Information	
<i>Part Number</i>	<i>Description</i>
DCS-4701E	Vigilance HD Outdoor PoE Mini Bullet Camera

Updated 2015/05/15