

## Product Highlights

### Full HD Resolution with Wide Dynamic Range

The high-resolution 2-megapixel sensor provides 1080p resolution with Wide Dynamic Range technology for detailed image capture

### 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 Full HD Outdoor PoE Mini Bullet Camera

## Features

### 1080p Full HD Camera

- 1/2.7" 2-megapixel progressive CMOS sensor
- Fixed lens with focal length of 3.6 mm and an F1.8 aperture
- Up to resolution of 1920 x 1080 at 30 fps
- Wide Dynamic Range image enhancement
- 3D filtering reduces image noise in low-light environments
- H.265, H.264, and MJPEG codec support for streaming and recording
- Motion Detection
- Privacy Mask

### 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

### 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 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 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 Streaming & Recording

To maximize bandwidth efficiency and improve image quality, the DCS-4701E provides real-time video compression using H.265, H.264, and MJPEG codecs for simultaneous video streaming and recording. Video resolutions of up to 1920 x 1080 provide clear details and noise reduction that improves video quality that may be useful in cases when forensic image analysis is required for evidence. Additional support for motion detection and event management features allow for implementation in a wide variety of surveillance applications such as monitoring public areas to detect incidents and to coordinate responses, to enforce access control to restricted areas, to deter criminal activity, or to monitor inventory.

## Versatile Monitoring in All Environments

In low-light situations, the IR-cut filter automatically slides out of the way to use all available light. The DCS-4701E also has built-in IR LED illuminators with a 30-meter range, allowing the camera to provide outstanding performance even in complete darkness. IP66 certified housing ensures the camera is completely protected from dust and water. These features work together to give you a reliable surveillance camera capable of monitoring indoors or outdoors 24/7 in a variety of environments.

## Vigilance Full HD Outdoor PoE Mini Bullet Camera

### 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 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

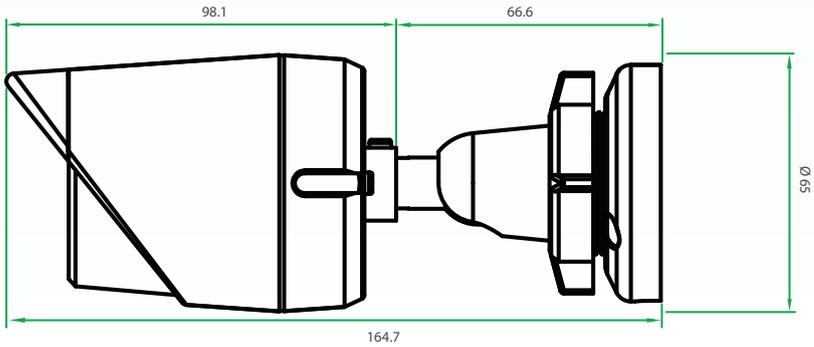
#### Camera

Camera Hardware Profile	<ul style="list-style-type: none"> <li>• 1/2.7" 2-megapixel progressive CMOS sensor</li> <li>• 30 meter IR illumination distance</li> <li>• Minimum illumination:               <ul style="list-style-type: none"> <li>• 0.1 lux (color)</li> <li>• 0.05 lux (B/W)</li> <li>• 0 lux (IR LED on)</li> </ul> </li> <li>• Built-in Infrared-Cut Removable (ICR) Filter module</li> <li>• 10x digital zoom</li> <li>• Minimum object distance 0.5 m</li> </ul>	<ul style="list-style-type: none"> <li>• Focal length: 3.6 mm</li> <li>• Aperture: F1.8</li> <li>• Angle of view:               <ul style="list-style-type: none"> <li>• (H) 90°</li> <li>• (V) 50°</li> <li>• (D) 104°</li> </ul> </li> </ul>
Camera Housing	<ul style="list-style-type: none"> <li>• IP66 compliant weatherproof housing</li> </ul>	<ul style="list-style-type: none"> <li>• Wire-in bracket</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>• Configurable motion detection windows</li> <li>• Configurable privacy mask zones</li> </ul>	<ul style="list-style-type: none"> <li>• Configurable shutter speed, brightness, saturation, contrast, and sharpness</li> <li>• WDR</li> <li>• 3D filter</li> </ul>
Video Compression	<ul style="list-style-type: none"> <li>• Simultaneous H.265/H.264/MJPEG format compression</li> <li>• H.265/H.264/MJPEG 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 - 1920 x 1080, 1280 x 720, 800 x 448, 640 x 480 up to 30 fps</li> </ul>	<ul style="list-style-type: none"> <li>• 4:3 - 1440 x 1080, 900 x 720, 800 x 592, 640 x 480 up to 30 fps</li> </ul>
External Device Interface	<ul style="list-style-type: none"> <li>• 10/100 BASE-TX Fast Ethernet port</li> </ul>	<ul style="list-style-type: none"> <li>• Supports 802.3af PoE</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> </ul>	<ul style="list-style-type: none"> <li>• FTP client</li> <li>• HTTP / HTTPS</li> <li>• PPPoE</li> <li>• UPnP port forwarding</li> <li>• RTP / RTSP / RTCP</li> <li>• IP filtering</li> <li>• Multicast</li> <li>• SNMP</li> <li>• ONVIF compliant</li> </ul>
Security	<ul style="list-style-type: none"> <li>• Administrator and user group protection</li> <li>• Password authentication</li> </ul>	<ul style="list-style-type: none"> <li>• HTTP and RTSP authentication</li> </ul>

## Vigilance Full HD Outdoor PoE Mini Bullet Camera

System Management		
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 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>• Remote management via D-ViewCam™ software</li> <li>• Configuration interface accessible via web browser</li> </ul>	<ul style="list-style-type: none"> <li>• Remotely take snapshots/video clips and save to local hard drive</li> </ul>
System Requirements for Web Interface	<ul style="list-style-type: none"> <li>• Windows 10/8/7 or Mac OS X 10.9 and higher</li> </ul>	<ul style="list-style-type: none"> <li>• Internet Explorer 9 and higher (on Windows), Firefox 12-51, 52 ESR, Chrome 42 and higher, or Safari 9 and higher (on Mac OS X).</li> </ul>
D-ViewCam™ System Requirements	<ul style="list-style-type: none"> <li>• Operating System: <ul style="list-style-type: none"> <li>• 32-bit: Windows 8 / 7 (SP1)</li> <li>• 64-bit: Windows 10 / 8 / 7 (SP1) / Server 2012 / Server 2008 R2</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Web Browser: Internet Explorer 7 or higher</li> <li>• Protocol: Standard TCP/IP</li> </ul>
D-ViewCam™ Software Functions	<ul style="list-style-type: none"> <li>• Remote management 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>
General		
Weight	<ul style="list-style-type: none"> <li>• 445 g ± 5 %</li> </ul>	
External Power Adapter	<ul style="list-style-type: none"> <li>• Input: 100 to 240 V AC, 50/60 Hz</li> </ul>	<ul style="list-style-type: none"> <li>• Output: 12 V DC 1.5 A</li> </ul>
Power Consumption	<ul style="list-style-type: none"> <li>• 3.2 (DC) / 3.1 W (PoE) ± 5%</li> </ul>	
Temperature	<ul style="list-style-type: none"> <li>• Operating: -30 to 50 °C (-22 to 122 °F)</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: -20 to 70° C (-4° to 158° F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 20 % to 80 % non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: 5 % to 95 % non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• CE</li> <li>• CE LVD</li> </ul>	<ul style="list-style-type: none"> <li>• FCC</li> <li>• C-Tick</li> </ul>
Dimensions	 <p>Technical drawing of the DCS-4701E camera showing dimensions: 98.1 mm (width), 66.6 mm (depth), 164.7 mm (total length), and Ø 65 mm (diameter).</p>	

DCS-4701E

## Vigilance Full HD Outdoor PoE Mini Bullet Camera

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

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