

Product Highlights

5 Megapixel Quality and H.265 Compression

An ultra-sharp 5 megapixel sensor and H.265 compression to strike a perfect balance between high image quality and streaming bandwidth efficiency

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-4705E

Vigilance 5 Megapixel H.265 Outdoor Bullet Camera

Features

Exceptional Video Quality

- 1/2.5" 5-megapixel progressive CMOS sensor
- Fixed lens with focal length of 2.8 mm and an F2.0 aperture
- Up to a resolution of 2560 x 1920 at 15 fps
- Wide Dynamic Range (WDR) 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-4705E Vigilance 5 Megapixel H.265 Outdoor Bullet Camera is a high-definition professional surveillance and security solution suitable for small, medium, and large enterprises. The camera uses a high-sensitivity 5-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-4705E provides real-time video compression using H.265, H.264, and MJPEG codecs for simultaneous video streaming and recording. Video resolutions of up to 2560 x 1920 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-4705E 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.

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Convenient Connectivity

The DCS-4705E 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 5 Megapixel H.265 Outdoor 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

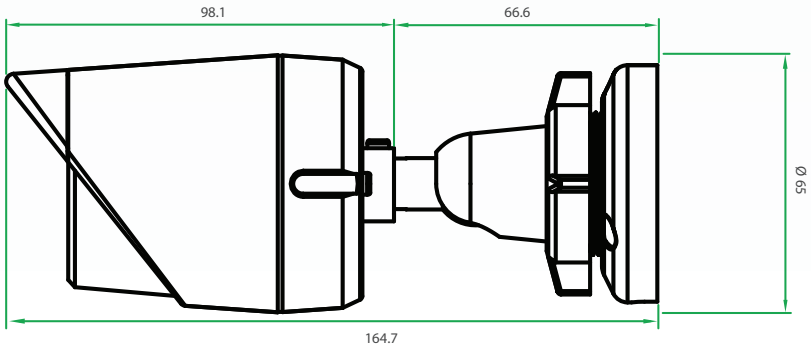
Camera

Camera Hardware Profile	<ul style="list-style-type: none"> • 1/2.5" 5-megapixel progressive CMOS sensor • 30 meter IR illumination distance • Minimum illumination: <ul style="list-style-type: none"> • 0.1 lux (color) • 0.05 lux (B/W) • 0 lux (IR LED on) • Built-in Infrared-Cut Removable (ICR) Filter module • 10x digital zoom • Minimum object distance 0.5 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) 90° • (V) 50° • (D) 104°
Camera Housing	<ul style="list-style-type: none"> • IP66 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 • Temper detection alarm 	<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.265/H.264/MJPEG format compression • H.265/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 - 2560 x 1440 up to 15 fps, 1920 x 1080, 1280 x 720, 800 x 448, 640 x 360 up to 30 fps 	<ul style="list-style-type: none"> • 4:3 - 2560 x 1920 up to 15 fps, 1600 x 1200, 1440 x 1080, 1280 x 960, 800 x 600, 640 x 480 up to 30 fps
External Device Interface	<ul style="list-style-type: none"> • 10/100BASE-TX Fast Ethernet port 	<ul style="list-style-type: none"> • Supports 802.3af PoE Class 2

Network

Network Protocols	<ul style="list-style-type: none"> • IPv6 • IPv4 • TCP/IP • UDP • ARP • ICMP • DHCP client • NTP client (D-Link) • DNS client • DDNS client (D-Link) • SMTP client • 802.1x • ONVIF-compliant 	<ul style="list-style-type: none"> • FTP client • HTTP server • HTTPS (TLS, disable SSL v3) • PPPoE • Bonjour • UPnP port forwarding • RTP / RTSP / RTCP • IP filtering • Multicast • SNMP v1/v2c/v3 • QoS/CoS
Security	<ul style="list-style-type: none"> • Administrator and user group protection • Password authentication 	<ul style="list-style-type: none"> • HTTP and RTSP authentication

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System Management		
Event Management	<ul style="list-style-type: none"> • Motion detection • Event notification and uploading of snapshots/video clips via e-mail or FTP 	<ul style="list-style-type: none"> • Supports multiple SMTP and FTP servers • Multiple event notifications • Multiple recording methods for easy backup
Remote Management	<ul style="list-style-type: none"> • Remote management via D-ViewCam™ software • Configuration interface accessible via web browser 	<ul style="list-style-type: none"> • Remotely take snapshots/video clips and save to local hard drive
System Requirements for Web Interface	<ul style="list-style-type: none"> • Windows 10/8/7 or Mac OS X 10.9 and higher 	<ul style="list-style-type: none"> • 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).
D-ViewCam™ System Requirements	<ul style="list-style-type: none"> • Operating System: <ul style="list-style-type: none"> • 32-bit: Windows 8 / 7 (SP1) • 64-bit: Windows 10 / 8 / 7 (SP1) / Server 2012 / Server 2008 R2 	<ul style="list-style-type: none"> • Web Browser: Internet Explorer 7 or higher • Protocol: Standard TCP/IP
D-ViewCam™ Software Functions	<ul style="list-style-type: none"> • Remote management of up to 32 cameras • Supports all management functions provided in web interface 	<ul style="list-style-type: none"> • Viewing of up to 32 cameras on one screen • Scheduled, motion triggered, or manual recording options
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 	<ul style="list-style-type: none"> • Output: 12 V DC 1.5 A
Power Consumption	<ul style="list-style-type: none"> • 3.2 (DC) / 3.1 W (PoE) ± 5% 	
Temperature	<ul style="list-style-type: none"> • Operating: -30 to 50 °C (-22 to 122 °F) 	<ul style="list-style-type: none"> • Storage: -20 to 70° C (-4° to 158° F)
Humidity	<ul style="list-style-type: none"> • Operating: 20 % to 80 % non-condensing 	<ul style="list-style-type: none"> • Storage: 5 % to 95 % non-condensing
Certifications	<ul style="list-style-type: none"> • CE • CE LVD • ICES 	<ul style="list-style-type: none"> • FCC • RCM
Dimensions	 <p>Technical drawing of the DCS-4705E camera showing dimensions: 98.1 mm (width of main body), 66.6 mm (width of lens assembly), 164.7 mm (total length), and Ø55 mm (diameter of lens assembly).</p>	

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Order Information	
<i>Part Number</i>	<i>Description</i>
DCS-4705E	Vigilance 5 Megapixel H.265 Outdoor Bullet Camera

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