D-Link®

VIGILANCE
Professional. Simple. Affordable.

Product Highlights

Full HD Resolution

A high-resolution 3-megapixel sensor provides 1080p resolution while digital wide dynamic range (WDR) technology lets you capture the details you need, ensuring that you always get sharp, clear snapshots and videos

Complete Day & Night Surveillance Solution

Keep watch over an area 24 hours a day - integrated IR LEDs and automatic IR cut filter provide clear video, even in complete darkness

Incredibly Versatile

Supports Power over Ethernet (PoE) for power and data through a single cable

DCS-4603

Vigilance Full HD PoE Dome Network Camera

Features

Camera
- 1/3" 3 megapixel progressive CMOS sensor
- Full HD resolution (2048 x 1536)
- Fixed 2.8 mm lens, F2.0

Video
- Motion detection
- Digital Wide Dynamic Range (WDR)
- 3D noise filter
- H.264 and MJPEG compression
- Multi-stream support
- ePTZ for virtual PTZ operation
- Privacy mask
- Advanced event management

Versatile Installation
- 3-axis adjustment allows for precise positioning of lens
- Compatible with additional wall (DCS-37-1) and ceiling (DCS-37-2) mounts

Connectivity
- Power over Ethernet (PoE) provides easy and flexible integration into your network
- Supports 802.3x, QoS, CoS and SNMP
- HTTPS encryption for web access
- ONVIF compliant

The D-Link DCS-4603 Vigilance Full HD PoE Dome Network Camera is a high definition professional indoor surveillance and security solution suitable for small, medium, and large enterprises.[1] The camera uses a high-sensitivity 1/3" 3-megapixel progressive scan CMOS sensor with digital WDR image enhancement to deliver balanced video in varying lighting conditions. The compact design makes this camera ideal for deployment in a wide variety of surveillance applications. The unique design with 3-axis adjustment allows for precise positioning of the lens, supporting 340° Pan, 340° Rotation, and 60° Tilt.

High Quality Streaming & Recording

To maximize bandwidth efficiency and improve image quality, the DCS-4603 provides real-time video compression using the H.264 and MJPEG codecs, and supports separate profiles for simultaneous video streaming and recording. This 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 DCS-4603's digital wide dynamic range (WDR) video enhancement gives you improved image quality in environments with uneven or difficult lighting, so you can identify subjects that are backlit or in brightly lit areas. In low-light situations, the IR cut filter automatically slides out of the way to use all available light while the 3D noise reduction feature improves the image quality and compression savings by dramatically reducing noise. The DCS-4603 also has built-in IR LED illuminators with a 32 foot range, allowing the camera to keep watch even in complete darkness. These features work together to give you a reliable surveillance camera capable of monitoring an area 24 hours a day.

D-ViewCam for Management

The DCS-4603 Vigilance Full HD PoE Dome Network Camera includes D-ViewCam, a complete surveillance software package that enables you to view, manage, and record from up to 32 cameras with a robust set of features, including multi-camera views and automated e-mail alerts to keep you informed of suspicious or unusual activities.

Front View

Camera Lens

IR LEDs

Optional 12V DC Power Connector

Power over Ethernet (PoE) Jack

Technical Specifications

Camera

Hardware Profile	• 1/3" 3 Megapixel progressive CMOS sensor
	• 32 feet IR illumination distance
	• Automatic Infrared-Cut Filter module for night viewing
	• 10x digital zoom
	• Focal length: 2.8 mm
	• Aperture: F2.0
	• Minimum object distance: 8 inches
		• Angle of view (16:9):
		  • (H) 92°
		  • (V) 66°
		• 3-Axis angle (non-motorized):
		  • (H) 340°
		  • (V) 60°
		  • (Rotational) 340°

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, sharpness, digital wide dynamic range (WDR) and 3D filter
Video Compression	• Simultaneous H.264/MJPEG triple-format compression • JPEG for still images	• H.264 multicast streaming • MJPEG streaming
Video Resolutions	• 16:9 - 1920 x 1080, 1280 x 720, 800 x 448, 640 x 360 at up to 30 fps[2] • 4:3 - 1440 x 1080, 1280 x 960, 900 x 720, 800 x 592, 640 x 480 at up to 30 fps[2]	• 4:3 - 2048 x 1536 at up to 15 fps[2]
External Device Interface	• 10/100 BASE-T Fast Ethernet port	• Supports 802.3af PoE Class 2

Network

Network Protocols	• IPv6, IPv4, ARP, TCP, UDP, ICMP • DHCP client • NTP client (D-Link) • DNS client • DDNS client (D-Link) • SMTP client (SSMTP support) • FTP client • HTTP, HTTPS • Samba client	• PPPoE • UPnP, UPnP port forwarding • RTP, RTSP, RTCP • IP filtering • QoS / CoS / DSCP • Multicast • ONVIF compliant • Bonjour • SNMP

Security	• Administrator and user group protection • Password authentication	• HTTP and RTSP authentication

System Integration

System Requirements for Web Interface	• Operating System: Microsoft Windows 10/8/7[3] or Mac with OS X 10.7 or higher	• Browser: Internet Explorer 8 or above, Firefox 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™ Software Functions	• Supports all management functions provided in the web interface • Viewing of up to 32 cameras on one screen	• Remote management/control of up to 32 cameras • Scheduled motion triggered, or manual recording options
D-ViewCam™ System Requirements	• Operating System: Microsoft Windows 8/7[3] • Web Browser: Internet Explorer 7 or higher	• Protocol: Standard TCP/IP

Mounting Hardware (Optional)

Compatible Mounts	• Outdoor Dome Camera Wall Mount (DCS-37-1) - sold separately	• Outdoor Dome Camera Ceiling Mount (DCS-37-2) - sold separately

Physical

Power	• Input: 100 to 240 V AC, 50/60 Hz	• Output: 12 V DC, 1.5 A
Power Consumption	• 5.6 watts max. ± 5% (PoE)	
Temperature	• Operating: 32 to 104 °F (0 to 40 °C)	• Storage: -4 to 158 °F (-20 to 70 °C)
Humidity	• Operating: 20 to 80% non-condensing	• Storage: 5% to 95% non-condensing
Weight	• 1.16 lbs	
Certifications	• CE • CE LVD	• C-Tick • FCC
Dimensions (L x W x H)	• 4.36 x 4.36 x 3.10 inches	
Package Contents	• Full HD PoE Dome Network Camera (DCS-4603) • Mounting Kit	• Quick Installation Guide (QIG) • Manual & Software CD-ROM
Warranty	• 5-Year Limited Warranty[4]	• For warranty and regulatory information, please visit http://support.dlink.com/warranty

Order Information

Part Number	Description
DCS-4603	Vigilance Full HD PoE Dome Network Camera

[1] Use of video equipment for recording the image of a person without their knowledge and consent is prohibited in certain states or jurisdictions. The end-user assumes all liability for compliance with applicable state, local and federal laws.
[2] Frame rates when streaming video may vary depending on network conditions and method used.
[3] Computer must adhere to Microsoft's recommended system requirements.
[4] 5-year warranty available in U.S.A. only.

For more information
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