

8 Megapixel H.265 Outdoor Dome Camera

High-definition professional surveillance and security solution, suitable for small, medium, and large enterprises.

DCS-4618EK



- 1/2.5" 8 Megapixel progressive CMOS sensor
- 4K UHD resolution of up to 3840 x 2160 at 20 fps
- H.265, H.264 and MJPEG codec support
- Wide Dynamic Range (WDR) image enhancement
- LowLight+ for superior low light performance
- Supports 2D/3D noise reduction
- Motion detection, corridor mode, and privacy mask
- Motorised vari-focal 2.5 mm lens with an F1.4 aperture
- Up to 30 m night vision with built-in IR LED illuminator
- 10/100 Base-TX Fast Ethernet port with PoE (Power over Ethernet) ensures easy integration into your network
- IP66 compliant housing allows for installation in a wide range of climates, from -30 °C to 50 °C
- IK10 vandal-proof housing
- microSD card slot for local recording
- ONVIF Profile S compliant
- Vandal-proof IK10-rated housing
- Automatic firmware update option
- Supports D-Link's free D-ViewCam™ suite of management software



IP66 and IK10 Compliant

Water-resistant, dust-tight and vandal-proof housing for deployment in harsh environments



LowLight+

Optimised for increased image quality in low-light environments



30 Metre Night Vision

See up to 30 metres in the dark with built-in IR illumination



Wide Dynamic Range

Improved image quality in high-contrast conditions with WDR



PoE Capable

Supports 802.3af PoE for flexible and simple installation



microSD Card¹

Equipped with a microSD card slot for local storage

Camera

Camera Hardware Profile

1/2.5" 8-megapixel progressive CMOS sensor
 30 meter IR illumination distance
 Minimum illumination:
 Color: 0.02 lux @(F1.4, AGC ON)
 B/W: 0 lux @(IR LED ON)
 Built-in Infrared-Cut Removable (ICR) Filter module
 18x digital zoom
 Minimum object distance 0.5 m
 Focal length: 3.3 mm - 12 mm
 Aperture: F1.4
 Angle of view:
 (H) 108.6° - 35°
 (V) 56° - 21°
 (D) 125° - 42°
 3-axis adjustment angle (non-motorized):
 Pan: 355°
 Tilt: 10° - 90°
 Rotate: 355°

Camera Housing

IP66 certified weatherproof housing
 Supports IK10 standard

Image Features

Configurable image size/quality/frame rate/bit rate
 Time stamp and text overlays
 Configurable shutter speed/brightness/saturation/contrast/sharpness/3D filter
 Configurable motion detection area
 Configurable privacy mask zones
 Auto White Balance (AWB)
 Auto Gain Control (AGC)
 Wide Dynamic Range (WDR)
 LowLight+
 Corridor mode

Video Compression

Simultaneous H.265/H.264/MJPEG format compression
 JPEG for still images

Max. Video Resolution and Frame Rate

3840 x 2160 at up to 20 fps

External Device Interfaces

microSD card slot¹
 Reset button
 10/100 Base-TX Fast Ethernet port (supports 802.3af PoE Class 3)

Network

Network Protocols

IPv4
 HTTP/HTTPS
 RTSP/RTP/RTCP
 TCP
 UDP
 DHCP
 DNS
 DDNS
 NTP
 FTP
 SMTP Client
 ONVIF Profile S compliant
 ARP
 ICMP
 PPPoE
 SNMP v1/v2c/v3



System Management

Event Management	Motion detection Multiple event notifications Event notification and uploading of snapshots via e-mail or FTP Event video recording via microSD card, D-ViewCam, D-Link NVR or ONVIF-compliant NAS
Remote Management	Remote management via D-ViewCam software Remotely take snapshots/video clips and save to a local hard drive Configuration interface accessible via a web browser
System Requirements for Web Interface	Operating System: Microsoft Windows Browser: Internet Explorer 11 for full function; Chrome and Firefox (MJPEG only)
D-ViewCam System Requirements	Operating System: Windows 10 Protocol: Standard TCP/IP
D-ViewCam Software Functions	Supports all management functions provided in the web interface Scheduled motion trigger or manual recording options Remote management of up to 64 cameras Viewing of up to 64 cameras on one screen

General

Weight	750 g \pm 5%
External Power Adapter (not included)	100 to 240 V AC, 50/60 Hz (Input), 12 V DC 1.5 A (Output)
Power Consumption	8 W \pm 5% (PoE)
Operating Temperature	-30 to 50 °C
Storage Temperature	-20 to 70 °C
Operating/Storage Humidity	Max. 90% non-condensing
Dimension	130 mm x 130 mm x 112 mm 5.1 in x 5.1 in x 4.4 in)
Certifications	CE, FCC, RCM

¹ microSD card not included. Supports capacity up to 256 GB.

