D-Link

Vigilance 8 Megapixel H.265 Outdoor Turret Camera with Varifocal Motorised Lens

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

DCS-F4818E

- 1/2.8" 8 Megapixel progressive CMOS sensor
- Resolution of up to 3840 x 2160 at 30 fps
- H.265, H.264 and MJPEG codec support
- Sony STARVIS™ technology with outstanding low light performance
- True WDR (Wide Dynamic Range)
- Image Enhancement with WB, HLC, BLC, DNR, Defog, 2D/3D noise reduction
- AI with motion, human and vehicle detection
- Face recognition, People counting
- Intrusion, Tripwire, Loitering, Wrong-way, Illegal Parking Detection.
- Motorised varifocal 2.7 to 13.5 mm lens with an F1.6 aperture
- Built-in IR LED illuminator with a 40 m range
- IP66 water-resistant and dust-tight housing with an operating temperature range of -40 to 55 °C
- MicroSD card slot for local recording
- I/O interfaces for Alarm and Audio
- ONVIF Profile S compliant
- Built-in PoE support

4K ULTRA**HD**

MOTORISED LENS

HEVC Advance™ ONVIF® | S NDAA COMPLIANT US National Defense Authorization Act

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4K Video
Crisp, clear detailed footage for recording and playback

Motorised Lens
Varifocal lens with remote control and auto focus

40 Metre Night Vision
See up to 40 metres in the dark with built-in Smart LEDs

Weatherproof
IP66 Water-resistant and dust-tight housing with an operating temperature range of -40 to 55 °C

H.265 Support
HEVC (High-Efficiency Video Coding) for better visual quality and recording performance

Low Light Sensitivity
Outstanding performance with Sony STARVIS™ technology

True WDR (Wide Dynamic Range)
Easily identify subjects in any lighting

AI Intelligence
Accurate human and vehicle detection. Face recognition, People counting. Intrusion, Tripwire, Loitering, Wrong-way, Illegal Parking detection.

ONVIF Compliant
Integrate this Camera with many ONVIF-capable third party software or NVR solutions

Camera

Camera Hardware Profile	1/2.8" 8-Megapixel Progressive CMOS Sensor
	Max. Resolution: 8MP (3840x2160) @ 30 fps
	Sony STARVIS™ technology with outstanding
	low light sensitivity
	Electronic Shutter 1/5 - 1/20,000s (Auto/Manual)
	40 Metre IR Illumination Distance
	Minimum illumination:
	  Colour: 0.01 lux @(F1.6, AGC ON)
	  B/W: 0 lux @(IR LED ON)
	Smart IR
	Built-in Infrared-Cut Removable (ICR) Filter Module
	Lens Type: Varifocal Motorised
	Focal Length: 2.7 – 13.5 mm
	Aperture: F1.6
	Angle of view:
	  (H) 30.9° - 98.1°
	  (V) 17.3° - 52.6°
	3-Axis Adjustment Angle (Non-Motorised):
	  Pan: 0° - 355°
	  Tilt: 0° - 80°
	  Rotate: 0° - 360°

Camera Housing	IP66 Weatherproof Housing
Video	Max. Resolution: 8MP (3840x2160) @ 30 fps Video compression: H.265/H.264/MJPEG 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) Highlight compensation (HLC) Backlight compensation (BLC) Defog True Wide Dynamic Range (WDR) S/N Ratio: 55 dB Aisle Mode
Interfaces	Network Interface: 1 Ethernet (10/100 Base-T) RJ-45 Connector Audio Interface: 1ch Input, 1ch Output Built-in Microphone Built-in Speaker Alarm Interface: 1ch Input, 1ch Output Built-in SD Card Slot: up to 256GB Reset Button

IP66
Housing

Camera
Lens

IR LEDs

Network

Network Protocols	IPv4/IPv6 802.1x HTTP HTTPS TCP/IP UDP/IP RTSP DHCP NTP RTCP/RTP PPPoE SMTP DNS UPnP FTP ARP SNMP TLS/SSL
Interoperability	ONVIF, SDK, CGI

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System Management

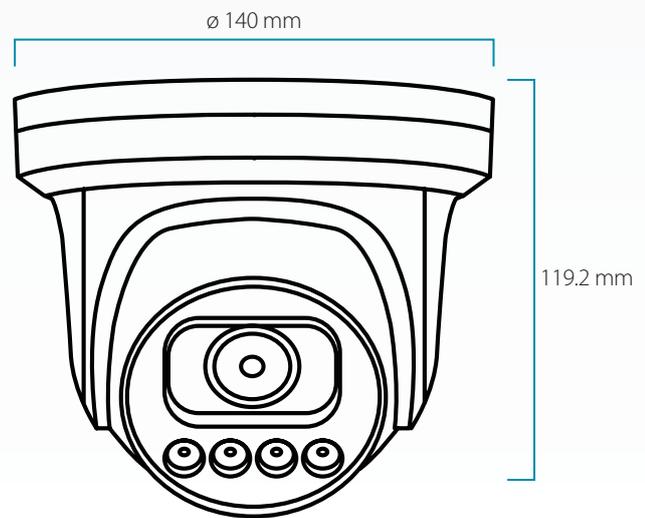|	
Event Management	Motion Detection Multiple Event Notifications Event Notification and uploading of snapshots via email or FTP Video Recording to microSD card[1], Network Video Recorder or ONVIF-Compliant NAS
Smart Functions	Supports face, human, vehicle detection. Face recognition, People counting. Intrusion Detection: Perimeter, Single virtual fence, Double virtual fences, Loiter. Smart motion detection. Wrong-way and Illegal Parking detection. Alarm triggering by specified target types (human and vehicle)
Remote Management	Remote Management via NVR or DCMS+ Software Remotely take snapshots/video clips Configuration interface accessible via a web browser
Remote Monitoring	Remote monitoring via NVR, DCMS+ Software, Web browser, D-Link CCTV app (Android and iOS), third party ONVIF and RTSP compatible devices and software
Supported Web Browsers	Chrome, Firefox, Edge, Safari (MJPEG only)
DCMS+ Software Requirements	Free download. Compatible with Windows 10 (64 bit), Windows 11, Windows Server 2012, Windows Server 2016 / 2019 / 2022

General

Weight	0.9 kg
Power Options	PoE (IEEE 802.3af/802.3at) 12 V DC 1.5 A (adapter not included)
Max Power Consumption	9 W
Operating Temperature	-40 to 55 °C
Storage Temperature	-20 to 70 °C
Operating/Storage Humidity	Max. 90% non-condensing
Dimensions	ø 140 × 119.2 mm
Certifications	CE, FCC, RCM

ø 140 mm

119.2 mm

Order Information

DCS-F4818E	Vigilance 8MP Day & Night Outdoor Turret PoE Network Camera with Varifocal Motorised Lens

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

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Power Supply

Model Name	12 V DC 1.5 A Power supply
Model Number	DLP101-12V1.5A

Mounts

Model Name	Junction Box	Pendant Cap
Model Number	DCS-F481JB	DCS-F481PC

Model Name	Wall Mount	Pole Mount
Model Number	DCS-F400WM	DCS-F400PM

Junction Box Configuration

Junction Box
DCS-F481JB

Compatible Dome Camera
DCS-F4818E

Wall Mount Configuration

Wall Mount
DCS-F400WM

Pendant Cap
DCS-F481PC

Compatible Dome Camera
DCS-F4818E

Pole Mount Configuration

Wall Mount
DCS-F400WM

Pole Mount
DCS-F400PM

Pendant Cap
DCS-F481PC

Compatible Dome Camera
DCS-F4818E

D-Link®
Building Networks for People