

# 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 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<br>Max. Resolution: 8MP (3840x2160) @ 30 fps<br>Sony STARVIS™ technology with outstanding low light sensitivity<br>Electronic Shutter 1/5 - 1/20,000s (Auto/Manual)<br>40 Metre IR Illumination Distance<br>Minimum illumination:<br>Colour: 0.01 lux @(F1.6, AGC ON)<br>B/W: 0 lux @(IR LED ON)<br>Smart IR<br>Built-in Infrared-Cut Removable (ICR) Filter Module<br>Lens Type: Varifocal Motorised<br>Focal Length: 2.7 – 13.5 mm<br>Aperture: F1.6<br>Angle of view:<br>(H) 30.9° - 98.1°<br>(V) 17.3° - 52.6°<br>3-Axis Adjustment Angle (Non-Motorised):<br>Pan: 0° - 355°<br>Tilt: 0° - 80°<br>Rotate: 0° - 360° |
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|                |   |
|----------------|---|
| Camera Housing | IP66 Weatherproof Housing   |
| Video          | Max. Resolution: 8MP (3840x2160) @ 30 fps<br>Video compression: H.265/H.264/MJPEG<br>Configurable image size/quality/frame rate/bit rate<br>Time stamp and text overlays<br>Configurable shutter speed/brightness/saturation/contrast/sharpness/3D filter<br>Configurable Motion Detection Area<br>Configurable Privacy Mask Zones<br>Auto White Balance (AWB)<br>Auto Gain Control (AGC)<br>Highlight compensation (HLC)<br>Backlight compensation (BLC)<br>Defog<br>True Wide Dynamic Range (WDR)<br>S/N Ratio: 55 dB<br>Aisle Mode |

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|------------|---|
| Interfaces | Network Interface:<br>1 Ethernet (10/100 Base-T) RJ-45 Connector<br>Audio Interface: 1ch Input, 1ch Output<br>Built-in Microphone<br>Alarm Interface: 1ch Input, 1ch Output<br>Built-in SD Card Slot: up to 256GB<br>Reset Button |
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## Network

|                   |  |
|-------------------|--|
| Network Protocols | IPv4/IPv6<br>802.1x<br>HTTP<br>HTTPS<br>TCP/IP<br>UDP/IP<br>RTSP<br>DHCP<br>NTP<br>RTCP/RTP<br>PPPoE<br>SMTP<br>DNS<br>UPnP<br>FTP<br>ARP<br>SNMP<br>TLS/SSL |
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| Interoperability | ONVIF, SDK, CGI |
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## System Management

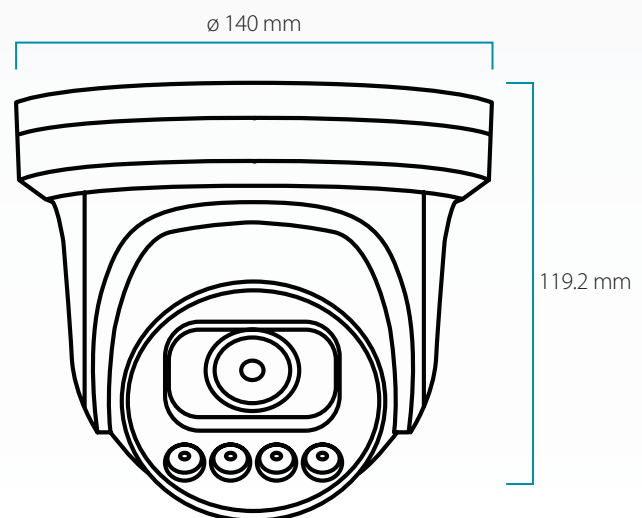
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|-----------------------------|--|
| Event Management            | Motion Detection<br>Multiple Event Notifications<br>Event Notification and uploading of snapshots via email or FTP<br>Video Recording to microSD card <sup>1</sup> , Network Video Recorder or ONVIF-Compliant NAS   |
| Smart Functions             | Supports face, human, vehicle detection.<br>Face recognition, People counting.<br>Intrusion Detection: Perimeter, Single virtual fence, Double virtual fences, Loiter.<br>Smart motion detection. Wrong-way and Illegal Parking detection.<br>Alarm triggering by specified target types (human and vehicle) |
| Remote Management           | Remote Management via NVR or DCMS+ Software<br>Remotely take snapshots/video clips<br>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)<br>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   |

## Order Information

|            |  |
|------------|--|
| DCS-F4818E | Vigilance 8MP Day & Night Outdoor Turret<br>PoE Network Camera with Varifocal Motorised Lens |
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<sup>1</sup> microSD card not included. Supports capacity up to 256 GB.


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  |



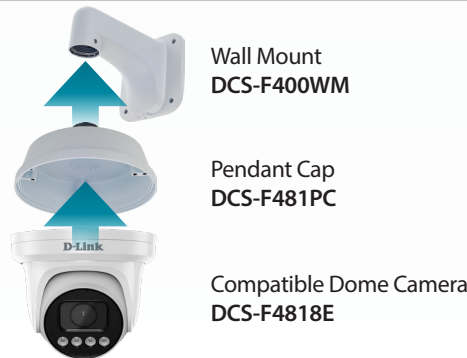
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|--------------|------------|------------|
| Model Name   | Wall Mount | Pole Mount |
| Model Number | DCS-F400WM | DCS-F400PM |



Junction Box Configuration



Wall Mount Configuration



Pole Mount Configuration

