

### Products

- CCTV
- Access Control
- ANPR
- Visitor Management
- Panic Alarm Systems
- Interview Recording

### Markets

- Marine
- Oil & Gas
- Law Enforcement
- Parking
- Security



## External Dome Camera With Motorised Vari-Focal Lens (IP67)

Commercial

DSOA8FVII67

This outdoor dome camera is available in a range of resolutions including 2MP, 4MP and 8MP (4k - 3840x2160). It employs H265 Compression Technology and has Built-in IR Illuminators - effective up to 50 Meters. The WDR gives Unparalleled Visibility in Extremely Bright and Dark Environments. It is weather-proof to IP67, Vandal-proof to IK10 with a NEMA 4X-rated housing. Its -50°C ~ 60°C Wide Temperature Range is ideal for Extreme Weather Conditions. This camera is equipped with smart video analytics for applications such as facial recognition, license plate recognition, and behaviour detection.

The camera is ONVIF compliant, Power over Ethernet (PoE) capable and can be easily integrated into standard IP network-based systems. With H.265, H.264 and MJPEG compatibility included, multiple streams can be simultaneously transmitted in any of these formats at different resolutions, frame rates, and image qualities for versatile platforms.

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### Features

- Range of resolutions from 2MP to 8MP @ 25 fps
- H265 Compression Technology
- Built-in IR Illuminators, Effective up to 50 Meters
- Wide dynamic range for Unparalleled Visibility in Extremely Bright and Dark Environments
- Vandal-proof IK10
- NEMA 4X-rated Housing
- Weatherproof IP67
- -40°C ~ 60°C Wide Temperature Range for Extreme Weather Conditions

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## Technical Specifications

### DSOA8FVII67

Sensor	1/1.8" Progressive CMOS
Resolution	8MP
Pixels	3840×2160
Frame rate	25 fps
Sensitivity	0.28 lux @ F1.5 (colour); <0.005 lux @ F1.5 (B/W); 0 lux with IR
Optical Lens	3.9 ~ 10 mm Motorized, Vari-focal, Remote Focus
Aperture range	F1.5 ~ F2.7
Horizontal viewing angle	119° ~ 45° (Horizontal)
IR Illumination range	50m
On-board storage (option)	Micro SD/SDHC/SDXC card slot
Wide Dynamic Range	120 dB
Signal to Noise ratio	53.5 dB
Analytics	Smart VCA
Video compression	H.265, H.264
Support protocols	DHCP, DNS, HTTP, HTTPS, IPv4, IPv6, RTSP/RTP/RTCP, NTP, TCP/IP
Interface protocols	Support ONVIF device discovery, video streaming and metadata
Pan range	353°
Tilt range	180°
Audio connection	Built-in microphone, effective range 5m
Audio compression	G.711, G.726
Ethernet	RJ45
Power supply	IEEE 802.3af Class3 PoE; 12vdc; 24vac
Power consumption	Max. 25 W
Impact protection	IK10
Vibration testing	(Designed to) MIL-STD-167-1A Shipboard, 4 to 33Hz

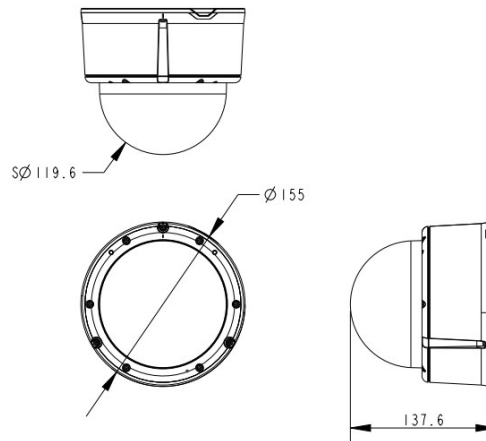
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Ingress protection	IP67, NEMA 4X
European/US/EMC	CE, FCC Class A, VCCI, C-tick, UL, BIS
Operating temp	-50°C ~ 60°C (-58°F ~ 140°F) (IR off)
Relative humidity	90%
Weight (kg)	1,343 g
Dimensions - external (mm)	Ø 155 × 138 mm
Mounting options	Wall hanging, fixed bracket , pedestal base
Shock	30g, 25ms duration, shock handling test



**For more information on any of our products  
or services please contact:**

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