

Products

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

Markets

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



Explosionproof Fixed Dome Camera

FIXED

THOS2F3I168

The THOS-2F3I-168 compact camera delivers 2MP HD video. The camera has a wide dynamic range to improve images in challenging lighting conditions. The camera is housed in a heavy-duty, stainless steel IP68 weatherproof enclosure suitable for hostile environments and is certified for use in hazardous areas. The camera is manufactured in 316L stainless steel. It is ready for mounting, requiring only power and an IP connection. Choice of wall and pendant mount options. It can be used in Marine and Offshore environments. For example, passenger ships, open bridges, closed spaces, technical rooms - subject to heat generated by equipment, areas where there is a risk of explosion. Rugged 316L stainless steel dome camera suited for harsh environments. IP68 rated. 2MP resolution with a choice of lenses giving viewing angle from 127 to 53 degrees. Composite video and IP outputs.



Features

- Explosionproof IP68 rated
- 1/2.8" Progressive Scan CMOS
- 2 mm, 2.8 mm, 4 mm, 6 mm lens options
- 1920 × 1080 2MP resolution
- 120dB WDR
- Stainless steel 316L
- H.265, H.265+, H.264+, H.264
- Image enhancement: BLC, 3D DNR, HLC, defog, EIS
- Behaviour analyses, exception detections and face detection
- II 2 G D Ex db IIC T6 Gb/Ex tb IIIC T80°C Db IP68 Ex db IIC T6 Gb/Ex tb IIIC T80°C Db

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Technical Specifications

THOS2F3II68

Sensor	2.8" CMOS
Resolution	2MP
Sensitivity	Colour 0.003lx @ F1.2; Mono 0.001lx @ F1.2; 0lx
Optical Lens	2, 2.8, 4, 6 mm HFOV 126, 108, 86 or 53 degrees
On-board storage (option)	MicroSD/SDHC/SDXC card up to 128GB
Wide Dynamic Range	120dB
Image features	Image enhancement: BLC, 3D DNR, HLC, defog, EIS
Analytics	Line crossing detection, intrusion detection, region entrance detection, region exit detection, unattended baggage detection, object removal detection
Video compression	H265/265+, H264/264+
Bitrate	32kbps to 16Mbps
Alarms	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Audio connection	1 audio input (line in), 1 audio output (line out), mono soundtrack
Audio compression	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
RS485	RJ45
Alarm in/out	1 IN; 1 OUT
Power supply	12 VDC; PoE (802.3af, 36V to 57V)
Power consumption	0.8 A, max. 10 W PoE 0.3 A to 0.2 A, max. 12.5 W
Ingress protection	IP68
European/US/EMC	FCC, CE, IC, KC, UL, CB
Hazardous Area	ATEX: II 2 G D Ex db IIC T6 Gb/Ex tb IIIC T80°C Db IP68 IECEx: Ex db IIC T6 Gb/Ex tb IIIC T80°C Db IP68 For explosive gas atmospheres, the maximum surface temperature is 85°C; For flammable dust atmospheres, the maximum surface temperature is 80°C; IIC: for explosive gas atmospheres other than mines susceptible to firedamp; For explosive gas mixture atmospheres: Zone 1, Zone 2, Zone 21, Zone 22.

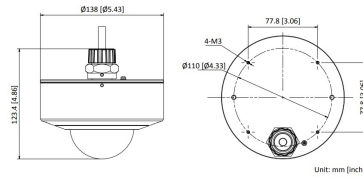
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Material	316L Stainless steel
Operating temp	-40 to +60 deg C
Relative humidity	95% or less (non-condensing)
Weight (kg)	2.5
Dimensions - external (mm)	138dia × 123.4 mm
Mounting options	Wall hanging, fixed bracket , pedestal base



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

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