

Products

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

Markets

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



Explosionproof Optical & Thermal Zoom Camera

FIXED

BHOTS2Z360I68

This camera is a rugged corrosion-proof dual-head fixed camera station. The combination of thermal imaging and daylight cameras facilitates 24/7 remote camera surveillance. The camera's standard thermal module is 35mm gives a 12.5 horizontal angle of view. It sits behind its germanium window. It is designed for use in hazardous areas in onshore, offshore, marine and heavy industrial environments including passenger ships & commercial vessels with an external protection rating of IP68.



Features

- AISI 316L Electro Polished Stainless Steel
- 2MP resolution
- Optical 36X Zoom lens
- Shock and Vibration Tested
- Tempered Glass
- Built-in Wiper
- Thermal (35mm / VGA / 12µm)
- 24VDC
- IP68
- -40°C~60°C

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Technical Specifications

BHOTS2Z360I68

Sensor	1/2" Sony Exmor CMOS
Resolution	2MP
Frame rate	50fps
Sensitivity	Colour: 0.05Lux
Optical Lens	Optical zoom 36x, 6.0-216mm F1.5
Digital zoom	8x
Horizontal viewing angle	H: 56.5°-2.1° / V: 33.6°-1.2°
Image features	DOL HDR, DNR, BLC, HLC, White balance, Exposure control, Mirror, Flip, Colour Corridor format.
Privacy masking	Yes
Analytics	Tamper, Video motion detection
Video compression	Simultaneously H.265, H.264 and MJPEG (Triple streaming). Independent Frame Rate and Bandwidth Control, VBR/CBR.
Support protocols	HTTPS, TCP/IP, UDP, IPv4/v6, HTTP, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf
Interface protocols	Open API, ONVIF profile S, T
Window	Uncooled VOx Microbolometer
Pixel pitch	640x480

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Thermal Resolution	8-14µm
Thermal Frame rate	<50mK@f1.0
Thermal Focal length (mm) options	35mm, f1.0
Thermal Field of view (degrees) options	H: 12.5° / V: 9.4°
Thermal temp. range	Red Hot / Iron / Rainbow / Amber / Black Hot / White Hot(Total : 11 Colour Support)
RS485	RJ45
Alarm in/out	1 alarm input, 1 relay, 1 RS485
Power supply	24VDC Option 110VAC/220VAC
Power consumption	60W
Ingress protection	IP68
Hazardous Area	ATEX, IECEx, KCs
Material	AISI 316L Electro Polished Stainless Steel
Operating temp	-40°C - +60°C
Relative humidity	0-90% RH(Non-condensing)
Weight (kg)	Approx. 10Kg
Dimensions - external (mm)	244(W)x237.5(H)x270(D)mm
Cable entry	Two M25 conduit entries
Mounting options	Wall hanging, fixed bracket , pedestal base

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

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