PARAGON SECURITY

Products

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

Markets

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

Explosionproof PTZ Camera - Stainless Steel

PTZ

PHOS2Z300I69

The marine PHOS-2Z30O-I69 camera is an explosion-proof 2MP PTZ device designed for CCTV surveillance and process monitoring in the oil & gas, maritime or industrial sectors where fire or explosion hazards may exist due to the presence of flammable gases or vapours, flammable liquids or combustible dusts. It offers the highest level of corrosion resistance - thanks to its solid AISI 316L stainless-steel construction and its microshot and electropolished surfaces. The IP69, NEMA Type 4X and 6P certifications guarantee complete protection against water and dust. It can operate in winds up to 210 Km/h.

The cameras are explosion-proof certified with an ambient temperature of up to +80°C. They have international certifications for use in Zone 1 and 2, Group IIC for gas, Zone 21 and 22, Group IIIC for dust. Thanks to the double cable entry, both 120Vac and 230Vac voltage supply versions are compliant with UL/CSA standards. The products are Lloyd's Register Marine Type Approval System Test Specification Number 1 certified and can be used in Marine and Offshore environments with category types ENV1, ENV2, ENV3 and ENV5 (for example, passenger ships, open bridges, closed spaces, technical rooms - subject to heat generated by equipment, areas where there is a risk of explosion, and visual support for docking manoeuvres).

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Features

- Stainless steel housing with maximum resistance in corrosive environments
- Weatherproof IP69 for extreme environments
- High resolution 4MP
- 3x motorised zoom lens
- Integrated IR illumination - 50m range
- 12vdc, 24vdc or Poe
- Certified explosion-proof for use in Zones 1 and 2, Group IIC (Gas), Zones 21 and 22, Group IIIC (Dust)
- Certified for use in hazardous areas - ATEX (EN IEC 60079-0, EN 60079-1, EN 60079-31)
- Option for direct fibre optic connection
- Certified up to a temperature of +80°C
- Pole and corner mounting options
- 2MP resolution
- Suited to harsh environmental conditions including petrochemicals, mining, military, medicine, oil & gas, marine, drilling platforms, food processing and storage, offshore etc.

Technical Specifications

PHOS2Z300I69

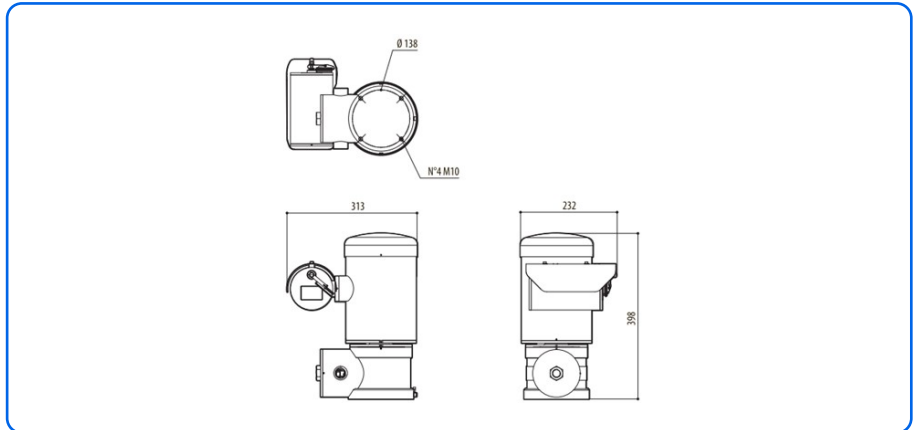|	
Sensor	1/ 2.8" CMOS
Resolution	2.38MP
Sensitivity	Colour 0.006lx @ F1.6; Mono 0.0006lx @ F1.6
Optical Lens	Motorised x30 zoom 4.3-129mm HFOV 63.7-2.3 degrees
Digital image stabilisation	Yes
Analytics	Perimeter, line crossing, loitering, objects left/removed, people, vehicles
Video compression	H264, MPEG4, MJPEG ONVIF S, T, Q
Bitrate	100kbps to 12Mbps
RS485	RJ45
Power supply	230/12/120
Power consumption	120W max
Impact protection	IK10
Vibration testing	TEN 50130-5; EN 60068-2-6
Ingress protection	IP69
European/US/EMC	EN 60945
Marine	Lloyd's register Marine Type Approval Certification

![Paragon Security logo]

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Hazardous Area	Certified explosion-proof for use in Zones 1 and 2, Group. IIC (Gas), Zones 21 and 22, Group IIIC (Dust)
Material	Aluminium
Operating temp	-40 to +80 deg C
Weight (kg)	26.5kg
Mounting options	Wall hanging, fixed bracket , pedestal base
Salt fog resistance/Salt mist	EN60068-2-52

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

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