Products

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

Markets

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

Explosionproof Thermal/Optical PTZ Camera - Stainless Steel

PTZ
THERMAL

PHOTS2Z200I66

This camera is a rugged corrosion-proof dual-head PTZ station designed for use in hazardous areas in onshore, offshore, marine and heavy industrial environments. The combination of thermal imaging and daylight cameras facilitates 24/7 remote camera surveillance. The daylight camera controls the movement of the camera (PTZ). The camera's large germanium window suits all thermal modules from 8 to 100 mm.

Features

- Thermal Camera certified for use in hazardous environments
- ATEX Zone 1&2 / 21&22
- Class I Division 1&2 / Class II Division 1&2 and all the rest except zone 0.
- Smart windscreen wiper option
- Marine 316L grade stainless steel
- Suited to strong corrosive environments. Anti-corrosion, waterproof.
- Windows glass surface process by nano technology . Good light transmittance.
- Low power consumption
- Suited to harsh environmental conditions including petrochemicals, mining, military, medicine, oil & gas, marine, drilling platforms, food processing and storage, offshore etc.
- Windows glass surface process by nano technology . Good light transmittance.
- Anti-shock engineering technology
- 2MP resolution
- Suited to harsh environmental conditions including petrochemicals, mining, military, medicine, oil & gas, marine, drilling platforms, food processing and storage, offshore etc.

Products

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

Markets

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

Technical Specifications

PHOTS2Z200I66

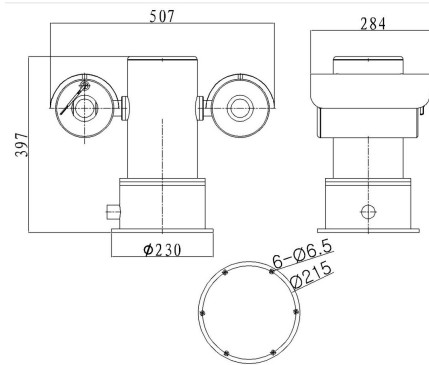|	
Sensor	1/2.8" Progressive Scan CMOS
Sensitivity	Colour：0.05Lux @ (F1.6，AGC ON); BW：0.01Lux @(F1.6，AGC ON)
Optical Lens	4.7-94mm，20X optical
Aperture range	F1.6 – F5.0
Horizontal viewing angle	65.5-2.11 degree (Wide-Tele)
Min-working distance	10-1500mm(Wide-Tele)
Zoom speed	Approx.3s(Optical Wide-Tele)
Shutter control	Auto exposure / aperture priority / shutter priority / manual exposure
Focusing mode	Auto /manual /one time focusing
Maximum vehicle speed	PAL/NTSC
On-board storage (option)	Micro SD card 128GB
White balance	1/ 2Automatic / manual / indoor / outdoor lamp / fluorescent lamp
Signal to Noise ratio	>52dB
Video compression	H.264 /H.265/MJPEG
Bitrate	32 Kbps~16Mbps
Support protocols	TCP/IP、HTTP、DHCP、DNS、DDNS、RTP、RTSP、PPPoE、SMTP、NTP、UPnP、SNMP、FTP、802.1x、QoS、HTTPS、IPv6 (SIP、SRTP、
Interface protocols	ONVIF、PSIA、CGI
Alarms	1ch Alarm In,1ch Alarm Out(optional)
Pan range	Horizontal ：0～360°
Tilt range	Vertical: ：±90°
Thermal Imager	uncooled FPA Vox detector
Pixel pitch	400(H) ×300(V), 640(H)×512(V) option
Thermal Resolution	8～14μm
Thermal Frame rate	≤40mK@F1.0,300K
Thermal Focal length (mm) options	Fixed type: 8/25/50/75/100mm option
Thermal Field of view (degrees) options	640: 68°×57°/24°×18°/12°×10°/8°×7°/6°×5°; 320: 46°×35°/15°×11°/7°×5°/5.1°×3.8°/3.8°×2.9°

PARAGON SECURITY

Products

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

Markets

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

Theory of temperature measurement range	-30 °C ~ 200 °C(can OEM up to 600°C)
Temperature Detection	Spot, Line, Area
Accuracy	±2°C / ±2%
Thermal temp. range	Temperature target ＞5°C, Display absolute temperature value; Temperature target ≤5°C, Display relative temperature value (temperature difference DEV = highest value – average)
Audio compression	G.711-a law、G.711-u law、G.726
RS485	RJ45
Power supply	AC85V-260V(DC 24V option)
Ingress protection	IP66
Ingress protection	IP66
Hazardous Area	ATEX Zone 1&2 / 21&22. Class I Division 1&2 / Class II Division 1&2 and all the rest except zone 0.
Material	316L stainless steel
Operating temp	-40°C～60°C
Relative humidity	≤ 95%（+25°C)
Atmospheric pressure	80kpa～106 kpa
Cable entry	1pcs M25*1.5 output(original G3/4)
Mounting options	Wall hanging, fixed bracket , pedestal base

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

Paragon Security Limited

Unit 14, Bentalls Business Park, Colchester Road, Maldon, Essex CM9 4GD UK

+44 (0)1245 210914

info@paragon-security.com

paragon-security.com