NDAA COMPLAINT

TYPE APPROVED PRODUCT
DNV
DNV.COM/AF

Mil-Spec

External Marine Fixed Camera – Harsh EMI

0482-6030-MIL

Benefits

- 5 Megapixel WDR day/ night sensor
  c/w IR Illuminators
- 316L stainless steel
- MIL-STD-461E EMI
- Defrosting window heater
- Hydrophilic window option

Applications

- Naval Surface Ships
- Arctic Environments
- Commercial Vessels
- Renewable Platforms

For further information, email
Systems.UK@imenco.com

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FUTURE TECHNOLOGIES

0482-6030-MIL

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Performance, Electrical & Network

Resolution	Up to 2560x1920 @ 30 fps (5MP); 1920x1080 @ 60 fps (full 1080p HD)
Scene Illumination	0.008 Lux @ F1.4, monochrome night mode 0.075 Lux @ F1.4 colour day mode, 0 Lux IR LEDs on
IR Illumination	Automatic to illuminate subject at up to 50m (can be software disabled)
Sensor Type	1/2.7" progressive CMOS
Video Compression	H.265, H.264 and MJPEG
Video Streaming	3 simultaneous streams
Frame Rate	60 fps at up to 1080p (1920 x 1080); 30 fps at up to 5MP (2560X1920)
Digital Zoom	48x digital zoom (4x on IE plug-in, 12x built-in)
Network Interface	10/100 Mbps Ethernet, ONVIF support & Milestone XProtect® compatible
Security	Access list, Digest authentication, HTTPS, IEEE 802.1x, Password protection, Trend Micro IoT Security (brute force attack event, cyberattack event, quarantine event), User access log, User account management
Protocols	802.1X, ARP, Bonjour, CIFS/SMB, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTCIP, NTP, PPPoE, QoS (CoS/DSCP), RTSP/RTP/RTCP, SMTP, SNMP, SSL, TCP/IP, TLS 1.2, UDP, UPnP
Edge Storage	Micro SD/SDHC card slot (8GB fitted)
Power Input	Power over Ethernet+ (PoE+) (IEEE802.3at Class 4), 25.5W Max
Analytics	Smart Motion Detection, Five-window Video Motion Detection, People Detection, Intrusion Detection, Loitering Detection, Line Crossing Detection, Unattended Object Detection, Missing Object Detection, Face Detection, Running Detection, Deep Learning VCA

Optical

Standard Lens	2.7 – 13.5 mm remote varifocal lens, F1.4 ~ 2.8
Iris Control & Focus	IC = Electronic, automatic (P-Iris); F = Auto
Angle of View in Air	Horizontal: 30° - 100°

Mechanical

Size	200 W x 329 D x 275 H mm, with wall mount, junction box & sunshield
Weight	6.5Kg, including sunshield, wall mount bracket & junction box
Standard Housing	Marine Grade 316L Stainless Steel, Electro-polished; *housing options available for Nitrogen purging and painting*
Window & Options	Toughened glass, heated; *-F option for Hydrophilic Film*
Connector	RJ45 socket within junction box via conduit (conduit not included)
Interface	4 equi-spaced ØM9 holes on a 177mm PCD
MTBF	628,385 hours

Environmental

Approvals	MIL-STD-461E EMI, CE, ROHS, LVD
Housing	IP68, includes sunshield & conduit junction box
Temperature	Operating: -40 to 70°C / 95% Relative Humidity (IEC 60068-2-various) / Storage: - 40°C to +70°C
Vibration	IEC 60068-2-6 test Fc, 1mm peak 2 to 13.2 Hz, 0.7g acceleration 13.2 to 100 Hz
Shock	IEC 60068-2-27, 30g peak, 18ms half-sine pulse
Salt Mist	IEC 60068-2-52 test Kb, 28 days duration
EMI	MIL-STD-461E, CS114 & RS103 (Above Decks Limits 200V/m)
Wind Resistance	Designed to withstand up to 100 knot winds

Specification subject to change without any further notice

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