



External DNV Marine Fixed Camera

0482-6030

Benefits

- 5 Megapixel WDR day/ night sensor c/w IR Illuminators
- 316L stainless steel
- DNV Marine Type Approved
- Defrosting window heater option
- Hydrophilic window option

Applications

- Oil & Gas Installations
- Renewable Platforms
- Commercial Vessels
- Naval Surface Ships

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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 (1920x1080); 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	118 W x 237 D x 223 H mm, with wall mount & sunshield
Weight	3.7Kg, including sunshield, wall mount bracket & 3m cable tail
Standard Housing	Marine Grade 316L Stainless Steel, Electro-polished
Window & Options	Toughened glass; <i>option for Window Heater, -F option for Hydrophilic Film</i>
Connector	In-line sealed RJ45 on 3m LSZH cable tail
Interface	4 equi-spaced ØM9 holes on a 90mm PCD
MTBF	628,385 hours

Environmental

Approvals	DNV Marine Type Approval to EN 60945 & IACS E10, CE, RoHS, LVD
Housing	IP67 and IP66, includes sunshield, wall & ceiling mounts
Temperature	Low: -40°C, IEC 60068-2-1 including cold starts Damp Heat/Humidity: +57°C / 100% humidity, IEC 60068-2-30 Dry Heat: +70°C, IEC 60068-2-2 for 16 hours; Storage: -40°C to +70°C, IEC 60068-2-1
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	IEC 61000 - Immunity, CISPR 16 Emissions

Specification subject to change without any further notice