



On Deck Blow Out Preventer (BOP) Inspection System

0553-6000

Benefits

- 4MP NJORD DNV PTZ camera
- 30x optical / 16x digital zoom
- Integrated GUI control solution
- Compact Peli-case
- Rugged deployment frame

Applications

- BOP Inspection
- Oil & Gas Platforms
- Offshore Installations

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On Deck BOP Inspection System



Camera - Performance, Electrical & Network

Sensor Type	1/2.8" progressive scan CMOS, 4 Megapixels effective
Resolution	Up to 2592x1520 (4MP) @ 30fps, also 1920x1080 @ 30fps (full 1080p HD)
Sensitivity	Colour: 0.01Lux (F1.6); Monochrome: 0.001Lux (F1.6) (AGC On)
Video Compression	H.265, H.264, MJPEG
Zoom	Optical 30x, 5.3mm to 159mm / Digital 16x
Horizontal FOV in air	55° (wide) to 2.3° (tele)
Network interface	10/100 Mbps Ethernet, ONVIF support & Milestone XProtect® compatible
Security	Base-64 authentication, HTTPS (SSL), 802.1x, IP Address Filtering
Protocols	IPv4, HTTP, HTTPS, 802.1x, TCP, UDP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, SNMP, DNS, UPnP, FTP, ICMP, IGMP, Unicast/ Multicast
Power	24VDC, 90W (max consumption with illuminators active)

Environmental (Camera)

Approvals	DNV Marine Type Approval to EN 60945 & IACS E10, CE, ROHS, LVD
Housing	IP67 and IP66
Temperature	Operating: -40°C to +70°C Dry Heat, IEC 60068-2-2 Storage: -40°C to +70°C, IEC 60068-2-1
Vibration	IEC 61068-2-6 test Fc, 1mm peak 2 to 13.2Hz, 0.7g 13.2 to 100Hz
Shock	30g, 25ms, shock handling test Structured Shock Drop Test, 327g peak, 8ms pulse (remains captive, nonoperational)
Salt Mist	IEC 61068-2-52 test Kb, 28 days duration
EMI	IEC 61000 – immunity; CISPR 16 – emissions

Mechanical (Camera)

Diameter	313.4mm (Inc. Illuminators)
Height	394.5mm
Weight	17.5kg
Camera Housing	Marine Grade 316L stainless steel, electropolished

Pan & Tilt Coverage (Camera)

Pan Range / Speed	360° continuous / 49°/sec max
Tilt Range / Speed	-60° to +90° upright / +60° to -90° hanging down / 37°/sec max

Running Tool

Material	Galvanised Steel
Length	637mm
Diameter	443.6mm
Weight	32.5Kg (Running Tool Only), 50Kg (Camera & Running Tool)

0553-6010 Surface Control Unit - Performance, Electrical & Network

Case	Storm Peli-Case IM2700 series with Aluminium front panel
Dimensions & Weight	624.2mm (L), 498.3mm (W), 217.1mm (D) 16.5kg
Power & Video Umbilical Cable	Input: 90 to 265 VAC (50-60Hz) Output: 24VDC, 108W. 30m standard (optional up to 100m)
Monitor	15.6" TFT LCD with touch screen Resolution: 1366 x 768
Recording Capacity & Transfer Options	256GB Export via USB or Ethernet
Camera Control	Touch screen monitor and integral two axis joystick for rotate, tilt & zoom
Protocols	TCP/IP, ONVIF
Operating System / VMS	Windows 10 / Milestone XProtect

Specification subject to change without any further notice