

SCOUT 100-EXDE ME4 CAMERA

Zone 1 Crane Camera, Engineered for Harsh Offshore Environments



The Scout 100-Exde-ME4 is a robust, industrial-grade IP camera designed for hazardous Zone 1 environments. Encased in 316L stainless steel, it ensures exceptional durability against extreme temperatures and corrosive atmospheres.

Featuring HD video, IR night vision, and seamless network integration, this camera is ideal for offshore cranes, industrial surveillance, and hazardous monitoring applications.

This camera offers both fixed and crane-mounted installation options, making it highly versatile. In fixed applications, the camera provides reliable spooling device monitoring and general industrial surveillance. When used as a crane camera, it assists operators with safe load transfers and blind lifts, improving operational safety and efficiency.

Key Benefits:

- **Ease of Installation:** Compact design with flexible mounting options, including wall brackets and Certex-approved safety wire.
- **Exceptional Low-Light Performance:** Auto-correct feature for enhanced clarity in minimal lighting conditions.
- **Versatile Deployment:** Suitable for multiple Zone 1 applications, from crane monitoring to industrial CCTV.

Advanced Features:

- **High-Resolution Imaging:** HD video up to 1520p, 1080p, and 720p with IR night vision.
- **Rugged Build:** 316L stainless steel construction with IP66/IP67/IP68 ingress protection.
- **Network Compatibility:** ONVIF-S compliant, supporting multiple network protocols.
- **Reliable Connectivity:** Uses a halogen-free, mud-resistant Cat7 cable for stable data transmission.
- **Power Options:** Operates via PoE (802.3af) or 12VDC.
- **Thermostatically Controlled Heater:** Ensures performance in extreme cold conditions.

Applications:

- **Offshore Crane Operations:** Provides real-time video for safe load transfers and blind lifts.
- **Industrial Surveillance:** Monitors hazardous zones in chemical plants, refineries, and drilling rigs.
- **Spooling & Equipment Monitoring:** Used to oversee winches, cable reels, and other mechanical systems.



Technical Specifications:

CAMERA UNIT:	
Resolution:	1520, 1080P, and 720P
Lens:	2.8mm (F2.0) or 4.0mm (F2.1) fixed focal
Angle of view (H):	2.8mm lens: Approx. 100 degrees 4.0mm lens: Approx. 60 degrees
Day / Night functionality:	IR LED
Minimum Illumination:	Color: 0,1 lux; B/W: 0,01lux; IR on:0,0 lux
IR illumination distance:	15m
Protocols:	IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DHCP, PPPoE, UPnP, QoS, ONVIF-S
Video compression:	H.264, M-JPEG
Power:	PoE (802.3af, Class 0); 12VDC
Power consumption:	12W max
Max cable length with PoE:	75m

HOUSING :	
Material:	316L stainless steel
Dimensions:	Ø101 x L248mm
Weight:	4.6 kg
Ingress Protection:	IP66, optional IP67 and IP68
Approval:	DNV-2004-OSL-ATEX-0115
Ex-protection:	II 2 G / Ex de IIC T6
Operating temp.:	Ta: -40°C to +50°C
Cable Entries:	3x M25 Ex e gland
Mounting Options:	Crane: Pendulum Bracket PMB03-Series Fixed: Wall Mount Bracket WB01 (Secured with Certex-approved safety wire)

The Scout 100-Exde-Me4 camera is your reliable surveillance solution for high-risk industrial zones.