

SCOUT 100C NONEX CRANE CAMERA

Crane Camera, Engineered for Harsh Offshore Environments



The 100C Safe Zone crane camera is designed to assist crane operators carry out the safe transfer of loads in non-explosive environments, even during blind lifts. Camera include standard features such as an advanced industrial surveillance, high resolution, colour camera unit with a thermostatically controlled heating element, integrated lens, 18x optical zoom, auto-focus (overridable), advanced auto-iris and true day/night functionality, providing high picture quality even under poor light conditions.

Scout 100C-NonEx with Magnetic Pendulum PMB03C (Magnetic Pendulum PMB03-series sold separately).

Key Benefits:

- **Ease of Use and Installation:** The camera is designed for straightforward setup, featuring a compact form factor with a pre-terminated pigtail for effortless connection to a junction box, reducing installation time and complexity.
- **Exceptional Low-Light Performance:** The integrated auto-correct feature for low-light conditions ensures clear and sharp imagery even in minimal lighting, making it ideal for round-the-clock operations.
- **Versatile Application:** Can be installed on virtually any type of crane

Advanced Features:

- **High-Resolution Imaging:** Equipped with an 18x optical zoom lens, the camera offers an optional upgrade to 28x optical zoom for enhanced detail and coverage. The true day/night functionality, combined with advanced auto-focus (manual override available) and auto-iris, guarantees superior image quality in both daylight and nighttime conditions.
- **Integrated Heating Element:** A pre-installed thermostatically controlled heating system prevents fogging and maintains optimal performance in cold environments.
- **Resilient Cable Connectivity:** Utilizes a standard halogen-free, mud-resistant Cat7 cable for the seamless transmission of video, telemetry, and power, ensuring reliable performance in demanding environments.
- **Certified Safety and Durability:** The camera and its mounting systems are secured with a Certex-approved safety wire, offering peace of mind with top-tier safety standards.

Technical Specifications:

CAMERA UNIT:

Image sensor:	1/4" Ex-View HAD CCD
Horizontal Resolution:	530TVL
Lens:	f4.1mm(wide) - 75.8mm(tele), 48° - 2.8°
Zoom:	18x optical (28x optical option available)
Minimum Illumination:	0.7 Lux (Day) / 0.01 Lux (Night)
Focus:	Auto / Manual
Signal-to-Noise Ratio:	>50dB
Protocol:	Pelco D
Additional Options:	Image stabiliser for enhanced clarity in dynamic conditions.

HOUSING :

Material:	316L stainless steel
Dimensions:	Ø101 x L220mm
Weight:	3.3 kg
Ingress Protection:	IP66
Operating temp.:	Ta: -40°C to +55°C
Cable Entries:	Gland M16

Magnetic Pendulum (Sold Separately):

Material:	316L stainless steel
Fixing, base plate	M8x4
Dimension (HxWxD)	144x105x140mm
Weight	7.5 kg

The Scout 100C-NonEx crane camera is your reliable solution for high-risk industrial zones, delivering unmatched durability, ease of installation, and superior imaging performance.