

Zone 1 Crane Camera Scout 100-Exd



Scout 100C-Exd with Magnetic Pendulum PMB03A

The 100C Zone 1 crane camera is designed to assist crane operators carry out the safe transfer of loads in 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 (overrideable), advanced auto-iris and true day/night functionality, providing high picture quality even under poor light conditions.

SAFETY FOCUS

The Zone 1 camera mounts onto crane booms with Scout CCTV's oil-free PMB mounting bracket and Certex-approved safety wire.

BENEFITS

- Simple operation and easy installation
- Highly durable stainless steel housing
- Compact design
- Can be installed on virtually any type of crane
- Multiple zone applications

PRODUCT FEATURES

- 18x optical zoom (28x optical zoom option)
- Securely mounts onto Scout's oil-free PMB bracket and Certexapproved safety wire
- Combines with Scout Safe Zone or / and Ex power supply, junction box, control box and cameras.
- Pre-installed thermostatically controlled heating element
- Connects with a standard halogen-free, mud resistant Cat7 cable for transmission of video, telemetry and power



Specifications

CAMERA

Image sensor	1/4" Ex-View HAD CCD
Horizontal resolution	530TVL
Lens	f4.1mm(wide) - 75.8mm(tele) 48° - 2.8° Advanced autoiris
Zoom	18x optical
Min. illumination	Day: 0.7/ Lux at 1/50 sec. Night: 0.01 Lux at 1/3 sec.
Focus	Auto / manual
S/N ratio	>50dB
Protocol	Pelco D
Options	28x optical zoom Image stabiliser

ZONE 1 CAMERA HOUSING

Material	316L stainless steel
Dimension	Ø101 x L239mm
Weight	4.4 kg
Ingress protection	IP66
Approval	DNV-2004-OSL-ATEX-0115
Ex-protection	⊕ II 2 G / Ex d IIC T6
Operating temp.	Ta: -40°C to +55°C
Entries	Ex d gland M20

PENDULUM PMB03A

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