

SCOUT IPTC MK1 CAMERA

Zone 1 Camera station, Engineered for Harsh Environments



The Scout IPTC MK1 is a robust and reliable Zone 1 explosion-proof camera station engineered for hazardous industrial environments.

Featuring a compact 316L stainless steel housing, thermostatically controlled heating, and a high-resolution day/night camera with 18x optical zoom, the IPTC MK1 ensures superior image quality in all conditions.

The system incorporates an integrated Exe junction box and an advanced telemetry receiver supporting multiple protocols for seamless integration.

Key Benefits:

- **Analogue Compatibility:** Easily integrates into existing analogue video systems, reducing upgrade costs— drop-in replacement for the OCEANOR OCN IPTC MK1 camera.
- **Precision Pan-Tilt Control:** Location feedback system with pre-positioning for accurate camera orientation.
- **Ingress Protection & Durability:** IP66-rated 316L stainless steel construction ensures long-term reliability in extreme conditions.
- **Enhanced Image Quality:** True day/night functionality with an 18x optical zoom lens and advanced auto-iris control.
- **Safety & Compliance:** Certified for ATEX and IECEx hazardous locations.
- **Flexible Connectivity:** Optional fibre optic converter for extended communication capabilities.

Advanced Features:

- **High-Resolution Colour Camera:** The camera station is equipped with a state-of-the-art high-resolution colour camera with true day/night functionality and an 18x optical zoom lens.
- **Customizable Integration:** Configurable telemetry receiver allows seamless adaptation to various analogue protocols and systems.
- **Environmental Resilience:** Designed to withstand harsh offshore environments, including corrosive atmospheres and extreme temperatures.
- **Maintenance-Friendly Design:** Fully pluggable internal wiring and accessible components simplify routine checks and repairs.



Technical Specifications:

CAMERA UNIT:

Image sensor:	1/4" Ex-View HAD CCD
Horizontal Resolution:	530TVL
Lens:	f4.1mm(wide) - 73.8mm(tele)(48° - 2.8° field of view)
Zoom:	18x optical
Minimum Illumination:	0.7 Lux (Day) / 0.01 Lux (Night)
Focus:	Auto / Manual
Signal-to-Noise Ratio:	>50dB

HOUSING :

Material:	316L stainless steel
Weight:	29 kg
Ingress protection	IP66
Ex-protection	II 2 G / Ex de IIC T6
Approval	Presafe 17 ATEX 11273X IECEX PRE 17.0056X.
Operating temp.:	Ta: -40°C to +50°C
Cable Entries:	2 x Ex e gland M20
Pan Speed:	12° / sec
Tilt Speed	12° / sec
Rotation limits	Pan +/- 180°, Tilt +/- 90° Adjustable limit switches, further secured by mechanical backup limitations
Power:	24VAC / 86VA (active pan / tilt motors and brakes off)
Fixing	4 x M10
Protocol	Baxall UTC / BBV UTC / American dynamics / Pelco-D

The Scout IPTC MK1 Zone 1 Camera Station is your reliable camera for high-risk industrial zones, delivering unmatched durability, ease of installation, and superior imaging performance.