

Zone 1 Camera Station IPTC MK1



The SCOUT IPTC MK1 is easy to use, and require a minimum of maintenance. The camera station is equipped with sunshield, thermostatically controlled heating element and fully pluggable internal wiring.

The pan-tilt unit is armed with a location feedback system with active pre-positioning and is adjustable in both pan and tilt directions to secure the camera at a set point. The working area for the pan tilt can be set by adjusting the electronic limit switches.

The compact Exd camera housing, Exd pan tilt unit and integrated Exe junction box are manufactured in 316L stainless steel and have an ingress protection of IP66.

The IPTC MK1 is equipped with a compact, advanced telemetry receiver that is programmable to suit a number of different telemetry protocols.

The camera station is equipped with a high-resolution colour camera with true day / night functionality and 18x optical zoom lens.

As an option, the IPTC MK1 can be delivered with a special Ex d junction box containing power supply and fiber optical converter.

BENEFITS

- Working area for pan tilt can be set by adjusting the electronic limit switches
- Optional fiber optical converter.

PRODUCT FEATURES

- Ingress protection grade of IP66
- Hi-res colour camera with 18x optical zoom lens
- Compact explosion proof camera housing and pan-tilt unit manufactured in 316L stainless steel
- Autofocus (overrideable) and advanced auto-iris functions
- True day / night function
- Equipped with sunshield, thermostatically controlled heating element and fully pluggable internal wiring




Specifications

CAMERA MODULE

Image sensor	1/4" Ex-View HAD CCD
Horizontal resolution	530TVL
Lens	f4.1mm(wide) - 73.8mm(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

ZONE 1 CAMERA HOUSING

Material	316L stainless steel
Weight	29kg
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
Entries	2 x Ex e gland M20

GENERAL

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)
Storage temperature	-20°C to +55°C
Storage humidity	20% to 90% non-condensing
Fixing	4 x M10
Protocol	Baxall UTC / BBV UTC / American dynamics / Pelco-D