

CCTV Explosion Proof Camera Station



CCTV - OCN IPTC MK1 EX CAMERA STATION

- Compact explosion proof camera housing and pan/tilt unit
- Manufactured in 316L stainless steel
- IP66 minimum ingress protection
- High resolution colour zoom camera
- Optional OCN IPTC MK 1 / JB2 - provides a larger junction box for mains or fibre optic cable connection
- Optional OCN IPTC MK 1 / CH2 - includes a Wiper motor for wiping or washing



CCTV - OCN IPTC MK1 EX Explosion Proof Camera Station

The compact EEx d camera housing and pan/tilt unit accompanied by the integrated EEx de junction box are all manufactured in stainless steel (316L). Ingress protection is minimum IP66.

The camera station is delivered complete with sunshield and a thermostatically controlled heating element. All internal wiring is made pluggable for ease of maintenance and service.

The pan/tilt can be equipped with position feedback system and active pre-position, available with a simple plug-in PCB on the telemetry receiver. The pan/tilt unit is also equipped with magnetic brakes in both pan and tilt directions to further secure the camera at a set position. The working area for the pan/tilt can be set, by adjusting the electronic limit switches.

The compact telemetry receiver is installed in the camera housing and allows both "up-the coax" and twisted pair telemetry, it also includes an advanced auto-tuning system for simple and reliable set-up and communication.

The camera station is equipped with a modern high-resolution compact camera block with integrated zoom lens (please consult separate datasheet).

For the convenience of the user, the camera has (overrideable) AutoFocus and advanced Autoliris functions.



The very compact and lightweight construction ensures high reliability even in severe physical environments.

Two optional versions are available, stand-alone or together:

1 - OCN IPTC Mk 1 / JB2 - is supplied with a larger Junction box equipped Mains PSU and a FO converter. Ideally suited for Mains and Fibre Optic connections.

2 - OCN IPTC Mk 1 / CH2 - supplied with a Wiper motor with a wiper arm for systems requiring wiping or washing.

SPECIFICATIONS			
Certificate:	DNV-2003-OSL-ATEX-0281	Power Norm. opr:	24VAC/38VA (Active Heater)
Code:	II 2 G EEx d IIC T6/EEx de IIC T6 Ta:-40°C to +50°C	Max Power:	24VAC/86VA (Active pan/tilt motors and brakes off)
Standard:	EN 50014: 1997 + A1: 1999 + A2:1999 and EN 50018: 2000	Pan Speed:	6°/sec
Ingress Protection:	IP66	Tilt Speed:	3°/sec
Entries:	EEx d/e gland M20	Limits:	Pan 360°, Tilt +-90°. Adjustable limit switches further secured by mechanical backup limitation
Materials:	SS 316L	Fixings:	4 x M10 Stainless Steel, A4 quality
Finish:	Natural	Storage Temp/Hum:	-20 °C - 50°C / 20 - 90% non condensing
Weight:	29kg	Operating Temp:	-40°C - 50 °C



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