

Fugro OCEANOR AS

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 zoom camera with True Day/night Function
- Optional OCN IPTC MK1/CH2 – Includes a wash wipe function



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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 is equipped with position feedback system And active pre-position, 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 advanced telemetry receiver is installed in the camera housing and allows both “up the coax” and twisted pair telemetry, with several built in telemetry protocols available, 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 True day/night, compact camera block with integrated zoom Lens (please consult separate datasheet)



For the convenience of the user, the camera has (override able) Auto focus and advanced Auto iris functions.

Optional version is available

OCN IPTC MK1/CH2 – Supplied with a wiper motor with a wiper arm for systems required wiping or washing. This unit is also delivered with a 10L pressure tank built inside a composite rack for washing. All built for Hazardous areas.

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 an 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 limitations
Materials	SS 316L	Fixings	4x M10 Stainless steel A4 quality
Finish	Electro Polished	Storage Tem/Hum	-20°C -50°C / 20-90% non condensing
Weight	29kg	Operating temp	-40°C - 50°C

