

# OCEANSCAN DTR100Z ADF EXPLOSION PROOF TILT/ROTATE/ZOOM CAMERA



## GENERAL DESCRIPTION

### NIGHT AND DAY EXPLOSION PROOF COLOUR TV CAMERA WITH ZOOM AND SWIVELLING HEAD

With a very compact volume (OD 120mm - L265mm) this explosion proof TV camera (refer to certification chart on back page) offers a 10x optical zoom and a tilt/rotate viewing head.

For the applications of video surveillance in an explosive risk environment - petrochemical plants, gas storage and transportation, offshore platforms, drilling rigs or drillships, the DTR 100Z ADF obsoletes the traditional solution of an Ex camera mounted on an Ex pan/tilt unit, it indeed offers the following advantages :

- Waterproof IP 68-5 bars
- Lightweight
- No external movement
- Excellent tolerance to harsh environment: chemicals & climate
- Preset positions of pan, tilt, zoom and focus
- Link to the control unit by a single umbilical cable



**Making  
technology  
work for you!**

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Accredited to BS EN ISO 9001:2000

# OCEANSCAN

## DTR100Z ADF EXPLOSION PROOF TILT/ROTATE/ZOOM CAMERA

### TECHNICAL SPECIFICATIONS

#### MECHANICAL

Dimensions:	L265mm (w/o connector) - OD 120mm
Tightness:	IP 68 - immersion in 50 metres
Weight:	4.8kg in air
Operating Temperature:	See chart below
Connector:	Explosion proof certified
Construction:	Stainless Steel

#### EXPLOSION PROOF CERTIFICATION (See chart below)

Camera with explosion proof casing  
 EEX certified by INERIS according to Celelec standard (ATEX 94/9/EC)  
 Ex certified by INERIS according to IEC standard

#### OPTIONS

- Protective hood against mist, rain, solar exposure
- Mounting plate

Cable Gland Version		
DTR100Z ADF INERIS 02 ATEX 0066X Ex II 2 GD EEx d IIC T6 IP68 T85°C Temp Range -20°C/+55°C	DTR 100Z ASDF INERIS 02 ATEX 0066X Ex II 2 GD EEx d IIC T5 IP68 T100°C Temperatere Range -20°C/+55°C	DTR100Z ADF INERIS 03 IEC0007X  Ex d IIC T6 Temperature Range -10°C/+50°C

#### EZCAM CAMERA CONTROL UNIT

The Oceanscan EZCAM Camera Control Unit provides easy control of all observation camera funtions.



#### FEATURES

Input Power:	100-250VAC
Output Power:	24VDC
Control Data:	RS232
Lens Control:	Zoom ratio, focus and iris
Tilt & Rotate Control:	Manual pan, manual tilt and auto-pan
Control Modes:	Home position, camera setting and sweep
64 Presets:	Control mode, focus, zoom and rotation
Control modes can be linked to alarm signal	
Control of up to 8 cameras	

#### Weight & Dimensions

Control Unit:	2Kgs - L220mm x W320mm x H70mm
Power/Comms Unit:	5Kgs - L250mm x W350mm x H85mm



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