

DTR-120Z-EX

Night and Day Explosion Proof Colour TV
Network Camera with 18x Zoom
and Swivelling Head



underwater **vision** specialists

Features

- Limited Weight and Volume
- Absence of Any External Movement
- Excellent Tolerance to Harsh Environment: Chemicals, Climate...
- Waterproof IP68 – 5 Bars
- Embedded IP Server
- Available with Optical Fibre Link
- Real Optical Zoom x18 or x26



Description

In a very compact volume (OD 155mm – L 260mm), the DTR-120Z-EX explosion proof camera, with a tilt/rotate viewing head, combines a high quality night and day 18x optical zoom, with a versatile video IP server.

Protected by an explosion proof housing, certified for gas and dust, this camera is very well adapted for applications of video surveillance in an explosive risk environment – petrochemical plants, gas storage and transportation, offshore platforms, drilling rigs or drill ships.

This camera offers the following advantages:

- Limited weight and volume
- Absence of any external movement

- Excellent Tolerance to Harsh Environment: Chemicals, Climate
- Waterproof IP68 – 5 Bars
- Embedded IP Server
- Available with Optical Fibre Link
- Real Optical Zoom 18x or 26x
- Night and Day
- Pre-set Positions, Image Rotation and Overlay, Protected IP Access

Availability of several communication protocols and links, allows compatibility with the most usual communication interfaces and easy installation in rough environments.



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Specification – DTR-120Z-EX

ELECTRICAL

Resolution:	460 TV Lines (PAL) or 470 TV Lines (NTSC)
Image Sensor:	1/4" CCD – 440,000 Pixels (PAL) or 380,000 Pixels (NTSC)
Colour Standard:	PAL – NTSC in Option
Video Output:	1Vpp to 75 ohms
Signal to Noise Ratio:	>50dB
Sensitivity:	0.7 Lux in Standard Mode, 0.01 Lux in Slow Shutter Mode and ICR
Power:	12W Maximum

OPTICAL

Lens:	18x Optical Zoom (focal lens 4.1 to 73.8mm) 26x Optical Zoom Option
IR Cut Filter Removal:	Automatic ICR Mode
Focus:	Automatic with Remote Control Override
Lens Movement:	Tilt -90° to +90° with Flip Facility Pan - 360°

MECHANICAL

Dimensions:	L 260mm (w/o connector) – OD 155mm
Tightness:	IP68 (connection RO and PE), Immersion in 50m
Weight:	8kg in Air
Operating Temperature:	See Chart
Connection:	Ex d IIC Explosion Proof Certified Connector or Cable Gland
Construction:	Stainless Steel Housing, Unsealed Spherical PC Dome for Easy Replacement

EXPLOSION PROOF CERTIFICATION

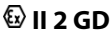

Camera with explosion proof casing, Ex certified by INERIS according to Cenelec standard (ATEX 94/9/EC)

ELECTRICAL

Video Compression:	Motion JPEG and MPEG4
Resolution:	Max 768 x 576 (PAL) or 704 x 480 (NTSC) Min 176 x 144 (PAL) or 160 x 120 (NTSC)
Frame Rate:	Motion JPEG up to 30/25 fps at 4CIF MPEG-4 up to 30/25 fps at 2CIF, up to 20/17 fps at 4CIF
Security:	Password Protection, IP Address Filtering, HTTPS Encryption
Web Browser:	Live View Access from Web Browser, Pan and Tilt Commands and Pre-sets. Image Rotation and Overlay Capabilities (time, date, text)

INCLUDED ACCESSORIES

- White Painted Protective Stainless Steel Hood against Mist, Rain, Solar Exposure
- White Painted Mounting Plate
- Safety Line Hook

CABLE GLAND Version		ROTA CONNECTOR Version	
DTR 120 Z Ex LCIE 06 ATEX 6051 X 		DTR 120 Z Ex LCIE 06 ATEX 6051 X 	
Ex d IIC T6 Ex tD A21 IP68 T85°C T° Range: -20°C to +55°C CE0081	Ex d IIC T5 Ex tD A21 IP68 T100°C T° Range: -20°C to +60°C CE0081	Ex d IIC T6 IP68 T° Range: -20°C to +55°C CE0081	

