

TECNOVIDEO

CCTV SYSTEMS AND ACCESSORIES

EXPTZ SERIES

STAINLESS STEEL PTZ CAMERA STATION



HAZARDOUS AREA

AISI316L STAINLESS STEEL CONSTRUCTION
FOR USE IN HIGHLY CORROSIVE ENVIRONMENTS
INTEGRATED WIPER VERSION AVAILABLE
WEATHERPROOF STANDARD IP66/IP67
AVAILABLE FOR CUSTOMER SPECIFIED EQUIPMENT
SUITABLE FOR ANALOG AND IP CAMERAS
DAY/NIGHT AND IR THERMAL VERSIONS AVAILABLE
SUITABLE FOR DIRECT OPTICAL FIBER CONNECTION



EXPTZ PTZ CAMERA STATION

TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions	See drawings next page
Operating Temperature	-20° +60°C (-4° +140° F)
Construction	AISI316L Stainless Steel
Finish	Electro-polished
Mounting	4x Ø11 on 195 PCD
Cable entries	1 M25x1,5 cable entry

Pan Angle	360° (continuous rotation) or 350° (+/-175°)
Pan Speed	0 – 36°/second
Pan Torque	80 Nm

Tilt Angle	180° (+/-90°)
Tilt Speed	0 – 18°/second
Tilt Torque	107 Nm

Rotation angle	Electronically adjustable
Backlash	<0,1°
Max preset accuracy	0.04°

Control protocol	Pelco D (via RS485)
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Weight		
Model	Unit [kg]	Package [kg]
EXPTZ	46	48
EXPTZIR	45	47
EXPTZD	55	60

ELECTRICAL

Supply voltage	24, 230V~ (+/-10%)
Power consumption	95 W MAX (120 W MAX for EXPTZD)

Thermostatically controlled heater
T[°C] ON = 12 ± 4°C, T[°C] OFF = 20 ± 3°C

CERTIFICATIONS

Ingress Protection (EN 60529)	IP66/IP67
Rating	⊕ II 2 G Ex db op pr IIC T6 Gb Tamb -40°C to +60°C ⊕ II 2 D Ex tb IIIC T85°C Db Tamb IP66/IP67
ATEX Standards	EN 60079-0:2012; EN 60079-1:2014; EN 60079-28:2015; EN 60079-31:2014
IECEx Standards	IEC 60079-0:2011; IEC 60079-1:2014-06; IEC 60079-28:2015; IEC 60079-31:2013
EMC	EN 61000-6-3:2007; EN 50130-4:1995 + A1:1998 + A2:2003
LVD	EN 60950-1:2006 + A11:2009
RoHS	2011/65/EU
WEEE	2012/19/EU

MODELS

EXPTZ/24¹	For Day/Night cameras (usable Ø75 mm), integrated wiper, 350° (+/-175°) pan rotation.
EXPTZ-CRAN/24¹	For Day/Night cameras (usable Ø75 mm), integrated wiper, 360° continuous pan rotation. Analog version.
EXPTZ-CRIP/24¹	For Day/Night cameras (usable Ø75 mm), integrated wiper, 360° continuous pan rotation. Analog version.
EXPTZIR/24¹	Germanium front window (usable Ø50 mm; thickness 10 mm; AR/DLC coating) for thermal imaging cameras, 350° (+/-175°) pan rotation.
EXPTZIR-CR/24¹	Germanium front window (usable Ø50 mm; thickness 10 mm; AR/DLC coating) for thermal imaging cameras, 360° continuous pan rotation.
EXPTZIRS/24¹	Sapphire front window (usable Ø50 mm; thickness 6 mm) for thermal imaging cameras, 350° (+/-175°) pan rotation.
EXPTZIRS-CR/24¹	Sapphire front window (usable Ø50 mm; thickness 6 mm) for thermal imaging cameras, 360° continuous pan rotation.
EXPTZD /24¹	Dual housing: integrated wiper for Day/Night cameras (usable Ø75 mm); Germanium front window (usable Ø50 mm; thickness 10 mm; AR/DLC coating) for thermal imaging cameras, 350° (+/-175°) pan rotation.

¹ 24V~ models. Suffix /230 is used for 230V~ models.

All the above PTZ camera stations include sunshield and heater, a built-in telemetry receiver, variable speed motors, fixed cable entry (M25x1,5) with base mount junction box.

PRE-ASSEMBLED CONDUIT TAILS

EXCT20AN	3 metres 20 mm conduit tail analog + 2 M20 brass glands
EXCT20AN1m	1 metre additional EXCT20AN conduit tail
EXCT20IP	3 metres 20 mm conduit tail ethernet + 2 M20 brass glands
EXCT20IP1m	1 metre additional EXCT20IP conduit tail
EXCT25AN	3 metres 25 mm conduit tail analog + 2 M25 brass glands
EXCT25AN1m	1 metre additional EXCT25AN conduit tail
EXCT25IP	3 metres 25 mm conduit tail ethernet + 2 M25 brass glands
EXCT25IP1m	1 metre additional EXCT25IP conduit tail

MOUNTING ACCESSORIES

EXSSBKPTZ	Wall mounting bracket
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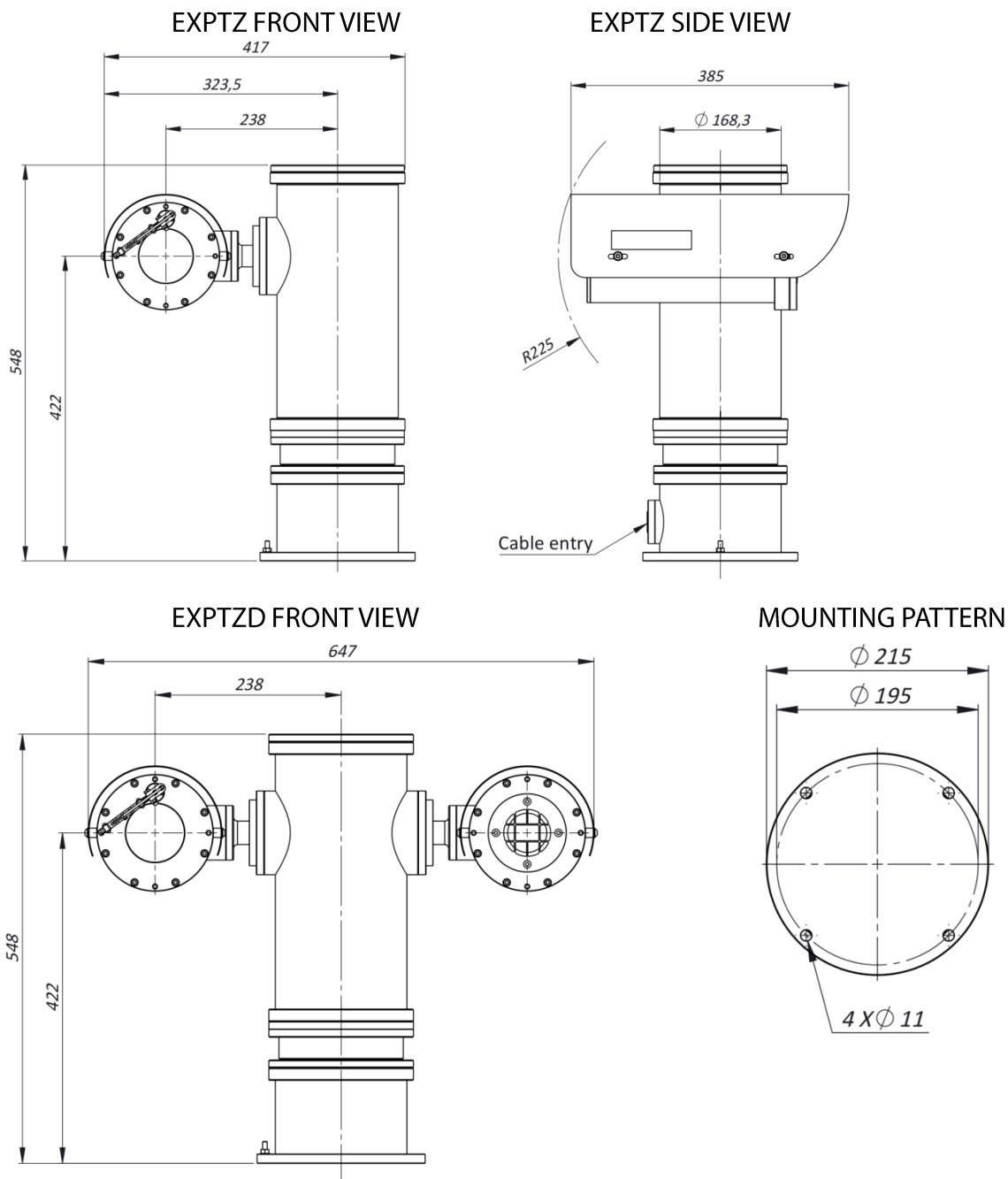
ACCESSORIES AND SPARE PARTS

RX250DC_EVO	Telemetry controller for EXPTZ Series
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DIMENSIONS



MAX INTERNAL AVAILABLE DIMENSIONS

Model	Max internal dimensions [mm]	Max usable internal diameter [mm]
EXPTZ	80x80x145	85
EXPTZIR	80x80x160	95

Please contact us if bigger cameras/zoom lenses are needed.

The unit cannot be installed upside-down nor horizontally