

TECNOVIDEO

CCTV SYSTEMS AND ACCESSORIES

EXPTZTBK SERIES

STAINLESS STEEL PTZ CAMERA STATION



HAZARDOUS AREA

AISI316L STAINLESS STEEL CONSTRUCTION
WEATHERPROOF STANDARD IP66/IP67
INTEGRATED BOSCH DINION IP STARLIGHT CAMERA
INTEGRATED AUTOFOCUS MOTORIZED ZOOM LENS
BUILT-IN VIDEO ANALYTICS
SUITABLE FOR DIRECT OPTICAL FIBER CONNECTION



POWERED BY
 BOSCH
DINION IP



EXPTZTBK 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	1x 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°
Weight	Unit: 34,5kg / Package: 39,5kg <i>Weight may vary depending on the camera/lens configuration.</i>

ELECTRICAL

Supply voltage	24V~, 115V~, 230V~ (+/-10%)
Power consumption	95W MAX
Thermostatically controlled heater	
T[°C] ON	= 12 ± 4°C, T[°C] OFF = 20 ± 3°C

CAMERA/LENS

ORDERING INFORMATION

LENS MODEL	DINION IP Starlight CAMERA SERIES		
	6000 HD [6]	7000 HD [7]	8000 HD [8]
K1	6K1	7K1	8K1
K2	6K2	7K2	8K2
K3	6K3	7K3	8K3

To order the camera and lens to be integrated in the housing, please specify the related number (camera series) and letter/number (lens model) in the ordering code (see MODELS).

Example: For the EXPTZTB with integrated DINION IP Starlight 7000 HD (7) and K1 lens (K1) the ordering code is: EXPTZTB7K1/24.

LENS	K1	K2	K3
Sensor	1/3"	1/2"	1/2"
Zoom Ratio	30x	17x	15x
Focal Length	5.5-165mm	7.5-127mm	8-120mm
Focus	Automatic	Automatic	Automatic
Horizontal Angle of View	47.6-1.7	45.6-2.9	43.2-3.1
Iris Range	F1.8 – F360	F1.6-360	F1.8-360
IR correction	x	x	✓
Full HD	x	✓	✓

CERTIFICATIONS

Ingress Protection Rating	EN 60529 (IP66/IP67) ⊕ II 2 G Ex db op pr IIC T6 Gb -40°C ≤ Tamb ≤ +60°C ⊕ II 2 D Ex tb IIIC T85°C Db -40°C ≤ Tamb ≤ +60°C ⊕ II 2 G Ex db op pr IIB T5 Gb -40°C ≤ Tamb ≤ +75°C ⊕ II 2 D Ex tb IIIC T100°C Db -40°C ≤ Tamb ≤ +75°C
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

EXPTZTB6K1/24	350° (+/-175°) pan rotation. With integrated Dinion IP Starlight 6000 HD and 30x AF motorized zoom lens.
EXPTZTB6K1-CR/24	360° continuous pan rotation. With integrated Dinion IP Starlight 6000 HD and 30x AF motorized zoom lens.

All the above models are 24V~. Suffix /230 is used for 230V~ models. Suffix /115 is used for 115V~ models.

All the above PTZ camera stations include sunshield, heater, integrated wiper, a built-in telemetry receiver, variable speed motors, fixed cable entry 1x M25x1,5 on a base mount junction box. Available upon request: fiber optic.

For the camera and lens models and the related ordering codes, please refer to the charts on the left column.

PRE-ASSEMBLED CONDUIT/CABLE TAILS

EXCTN25IP3	3 metres 25mm Ethernet conduit tail + 2x M25 nickel plated brass glands
EXCTN25IP5	5 metres 25mm Ethernet conduit tail + 2x M25 nickel plated brass glands
EXCTN25IP10	10 metres 25mm Ethernet conduit tail + 2x M25 nickel plated brass glands
EXACCT3	3 metres armoured composite cable + 2x M25 nickel plated brass glands
EXACCT5	5 metres armoured composite cable + 2x M25 nickel plated brass glands
EXACCT10	10 metres armoured composite cable + 2x M25 nickel plated brass glands

MOUNTING ACCESSORIES

EXSSBKPTZ	Wall mounting bracket
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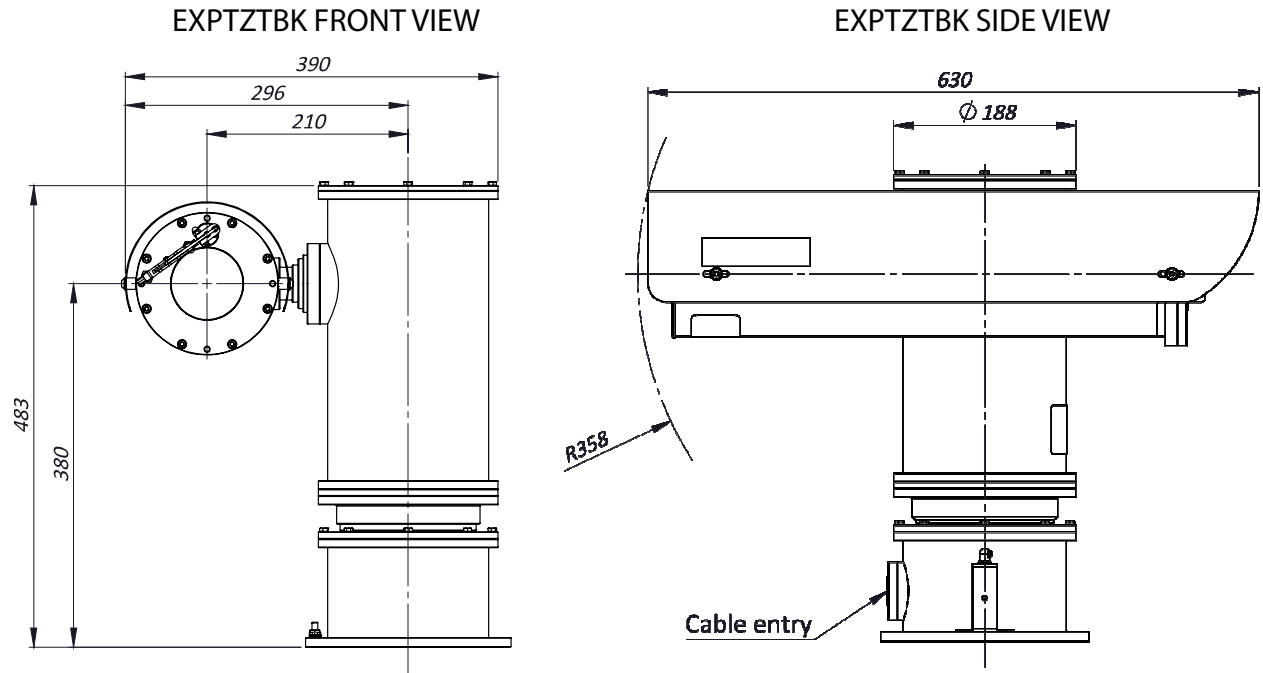
ACCESSORIES AND SPARE PARTS

RX250DC-EVO	Telemetry receiver for EXPTZ Series with 360° continuous pan rotation.
RX250DC-EVO-NOCR	Telemetry receiver for EXPTZ Series with 350° pan rotation.

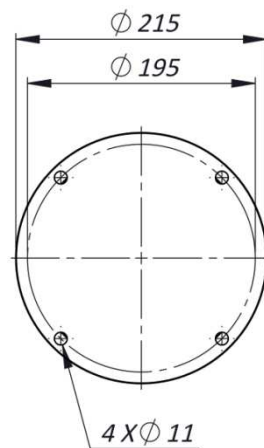
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DIMENSIONS



MOUNTING PATTERN



The unit cannot be installed upside-down nor horizontally

For the complete camera specifications, please visit the official Bosch Security website. Bosch, its logos and emblems are registered trademarks of Robert Bosch GmbH.

Dimensions in millimetres - Tolerances according QMS - Design and products specifications subject to change without notice - rev. 20190116