

TECNOVIDEO

CCTV SYSTEMS AND ACCESSORIES

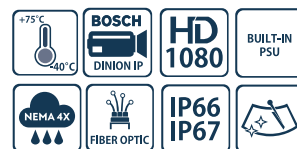
EXUSPTZTB SERIES

FLAMEPROOF STAINLESS STEEL PTZ CAMERA STATION

HAZARDOUS AREA

- HAZARDOUS LOCATIONS CERTIFIED PTZ CAMERA
- INTEGRATED BOSCH DINION IP STARLIGHT CAMERA
- HIGH QUALITY AF IR MOTORIZED ZOOM LENS
- BOSCH BVMS FULL COMPATIBILITY
- AISI316L STAINLESS STEEL CONSTRUCTION
- CERTIFICATION TEMPERATURE -40°C +75°C
- OPTIONAL BUILT-IN FIBER MEDIA CONVERTER
- OPTIONAL BUILT-IN 120VAC POWER SUPPLY
- WIPER

POWERED BY
BOSCH
DINION IP



IECEx
FM
APPROVED
ONVIF | S

TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions	See drawings next page
Operating Temperature	-40°F +140°F (-40° +60°C), cold start -4°F (-20°C)
Construction	AISI316L Stainless Steel
Finish	Electro-polished
Mounting	4x Ø11 on 195 PCD
Cable entries	1x M25x1,5 or 3/4in (adapter)
Wiper	Yes
Pan Angle	360° (continuous rotation)
Pan Speed	0 – 40°/second
Pan Torque	20Nm (limited with safety device)
Tilt Angle	180° (+/-90°)
Tilt Speed	0 – 20°/second
Tilt Torque	20Nm (limited with safety device)
Rotation angle	Electronically adjustable limit switches
Backlash	<0,1°
Max preset accuracy	0.04°

Control Protocol	Pelco D (RS485)
Weight	Unit: 39kg (86lb) / Gross weight: 44kg (97lb)

ELECTRICAL

Thermostatically controlled heater	
T[°C] ON	= 53 ±39°F (12 ± 4°C)
T[°C] OFF	= 68°F ± 37°F (20 ± 3°C)
Supply voltage	24VAC, 120VAC (+/-10%)
Power consumption	14W min (stationary and heater/wiper off), 95W MAX

CAMERA

LENS MODEL	DINION IP Starlight CAMERA SERIES	
	6000 HD (6)	7000 HD (7)
K17	6K17	7K17
Sensor	1 / 2.8"	1 / 2.8"

For the complete camera specifications, please check the official Bosch camera datasheet.

LENS	K17
Zoom Ratio	17x
Focal Length	7.5 - 127mm
IR corrected	No
Focus	Automatic
Horizontal Angle of View	43.1° – 2.75°
Iris Range	F1.6 – F2.7

NETWORK

Interface Security	10/100 Base-T, auto-sensing, half/full duplex, Auto-MDIX Three-level password protection, HTTPS, TPM/PKI, 802.1X with EAP/TLS 1.2
IP Address	Filtering, User access Log, 802.1X Authentication (EAP-TLS, EAP-LEAP)
Onvif Protocols	ONVIF Profile S IPv4, IPv6, UDP, TCP, HTTP, HTTPS, RTP/RTCP, IGMP V2/V3, ICMP, ICMPv6, RTSP, FTP, Telnet, ARP, DHCP, APIPA (Auto-IP, link local address), NTP (SNTP), SNMP (V1, MIBII), 802.1x, DNS, DNSv6, DDNS (DynDNS.org, selfHOST.de, no-ip.com), SMTP, iSCSI, UPnP (SSDP), DiffServ (QoS), LLDP, SOAP, Dropbox, CHAP, digest authentication

CERTIFICATIONS

Ingress Protection Rating	EN 60529 (IP66/IP67); NEMA 4X Class I, Zone 1, AEx db op pr IIC T6 Gb -40°C ≤ Tamb ≤ +60°C Zone 21, AEx tb IIIC T85°C Db -40°C ≤ Tamb ≤ +55°C Zone 21, AEx tb IIIC T90°C Db -40°C ≤ Tamb ≤ +60°C Class I, Zone 1, AEx db op pr IIB T5 Gb -40°C ≤ Tamb ≤ +75°C Zone 21, AEx tb IIIC T100°C Db -40°C ≤ Tamb ≤ +70°C Zone 21, AEx tb IIIC T105°C Db -40°C ≤ Tamb ≤ +75°C Class I, Div 2, Group A, B, C, D T6 -40°C ≤ Tamb ≤ +60°C * Class I, Div 2, Group C, D T5 -40°C ≤ Tamb ≤ +75°C *
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* Suitable for Class I Div 2 using Zone 1 wiring methods as permitted per NEC Art. 501	
Vibration	EN/IEC 60068-2-6; EN/IEC 60068-2-27
IECEX Standards	IEC 60079-0; IEC 60079-1; IEC 60079-28; IEC 60079-31
EMC	EN 50130-4; EN 55035 ; EN/IEC 61000-6-2 ; EN/IEC 61000-6-4
LVD	EN 60950-1; EN 60950-22
FCC	FCC part 15B
RoHS	2011/65/EU + 2015/863/EU (RoHS 3)
WEEE	2012/19/EU
North American Standards	FM Class 3600; FM Class 3810; ANSI/UL 61010-1; ANSI/UL 60079-0; ANSI/UL 60079-1; ANSI/UL 60079-28; ANSI/ISA 60079-31; ANSI/UL 50E; ANSI/IEC 60529 CSA C22.2 No. 0.4; CSA C22.2 No. 0.5; CAN/CSA C22.2 No. 61010-1; CAN/CSA-C22.2 No. 60079-0; CAN/CSA-C22.2 No. 60079-1; CAN/CSA-C22.2 No. 60079-28; CAN/CSA-C22.2 No. 60079-31; CSA C22.2 No. 94.2; CAN/CSA C22.2 No. 60529

MODEL

EXUPTZTB6K17-CR/24	Flameproof PTZ IP camera station with Dinion IP Starlight 6000 and 17x AF motorized zoom lens, 24VAC
EXUPTZTB6K17F-O-CR/120	Flameproof PTZ IP camera station with Dinion IP Starlight 6000 and 17x AF motorized zoom lens, 120VAC
EXUPTZTB7K17-CR/24	Flameproof PTZ IP camera station with Dinion IP Starlight 6000 and 17x AF motorized zoom lens. SM FO Media converter, 24VAC
EXUPTZTB7K17F-O-CR/120	Flameproof PTZ IP camera station with Dinion IP Starlight 6000 and 17x AF motorized zoom lens. SM FO Media converter, 120VAC

Suffix /120 is used for 120VAC models.

ACCESSORIES

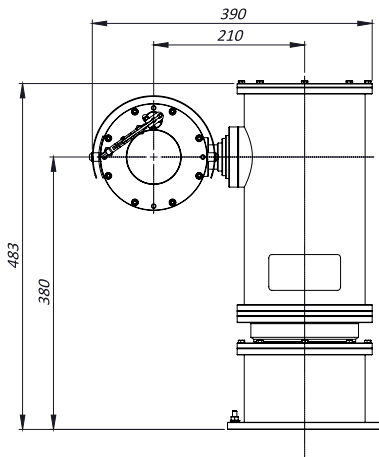
SSBK-L	Wall mounting bracket
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FLAMEPROOF STAINLESS STEEL PTZ CAMERA STATION

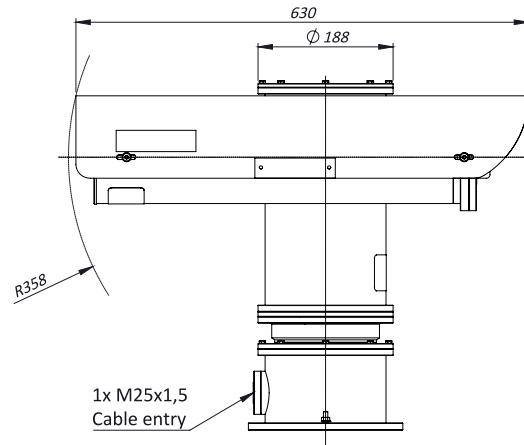
DIMENSIONS

The dimensions in the technical drawings are in millimetres.

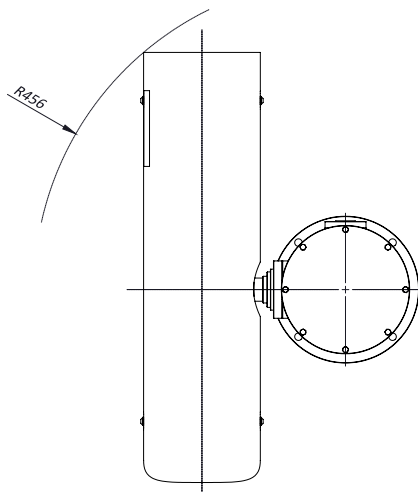
FRONT VIEW



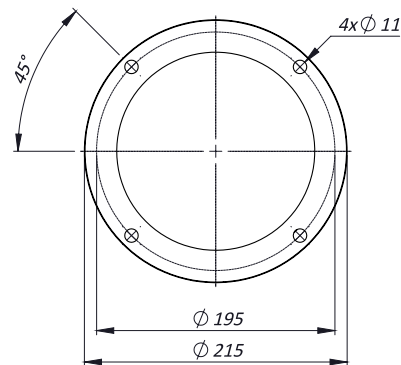
SIDE VIEW



TOP VIEW



MOUNTING PATTERN



The unit cannot be installed upside-down nor horizontally

*This is only an example of integration of Bosch Dinion cameras in Tecnovideo products.
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