

TECNOVIDEO

CCTV SYSTEMS AND ACCESSORIES

EXUSPTZTV4 SERIES

FLAMEPROOF STAINLESS STEEL PTZ CAMERA STATION

HAZARDOUS AREA

- HAZARDOUS LOCATIONS CERTIFIED PTZ CAMERA
- ULTRA HD 4K (8MP), 22x AUTOFOCUS OPTICAL ZOOM
- AISI316L STAINLESS STEEL CONSTRUCTION
- CERTIFICATION TEMPERATURE -40°C +75°C
- OPTIONAL BUILT-IN FIBER MEDIA CONVERTER
- OPTIONAL BUILT-IN 120VAC POWER SUPPLY
- INTEGRATED WIPER
- EDGE RECORDING
- 802.1X AND SNMP (V1-3) CYBER SECURITY PROTOCOLS
- NDAA COMPLIANT



TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions	See drawings next page
Operating Temperature	-40°F +140°F, +167°F peak (-40° +60°C, +75°C peak)
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: 35kg (77lb) / Package: 40kg (88lb)

ELECTRICAL

Thermostatically controlled heater	
T[°C] ON	= 53 ±39°F (12 ±4°C) T[°C] OFF = 68°F ± 37°F (20 ± 3°C)
T[°C] ON	= 54 ±7°F (12 ± 4°C) T[°C] OFF = 68°F ± 5°F (20 ± 3°C)
Supply voltage	24VAC, 120VAC (+/-10%)
Power consumption	9W min (stationary and heater/wiper off), 95W MAX

VIDEO/CAMERA

Sensor	1/1.8" Progressive CMOS
Resolution	4K resolution (3864x2180)
Compression	H.265/H.264/MJPEG
Streaming	Up to 4 configurable streams
Frame Rate	H.265 HDR 4K @30fps + d1 @30fps, H.264 HDR 4K @30fps + d1 @30fps, MJPEG 1080p @30fps
Sensitivity	Color: 0.04 lux, B/W: 0.002 lux
Shutter Speed	1~1/10000 sec.
Dynamic range	WDR/HDR
Lens	22x Optical Zoom Auto Focus, 10x Digital, focal Length 6.4-138.5 mm, P-Iris, Auto-Iris
Image settings	Color, Brightness, Sharpness, Contrast, White Balance, Exposure Control, 2DNR, 3DNR, NR by Motion, Masking, Text Overlay
Event Triggers	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger
Event Actions	External Output Activation, Video recording to edge storage, File Upload: FTP, network share and email, Notification: HTTP, FTP, email
Local Storage	microSD (card not provided)
Network Storage	support for recording to NAS

NETWORK

Interface	10/100/1000 Mbps Ethernet
Security	User Authentication/ HTTPS/ IP Filter/ IEEE 802.1x/SNMPv3
ONVIF	ONVIF profile G/S/T compliant
Protocols	IPv4/v6, TCP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ARP, NTP

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

Vibrations	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

MODELS

EXUSPTZTV4-CR/24	Flameproof PTZ IP camera station, 24VAC
EXUSPTZTV4-CR/120	Flameproof PTZ IP camera station, 120VAC
EXUSPTZTV4FO-CR/24	Flameproof PTZ IP camera station. SM FO Media converter, 24VAC
EXUSPTZTV4FO-CR/120	Flameproof PTZ IP camera station. SM FO Media converter, 120VAC

ACCESSORIES

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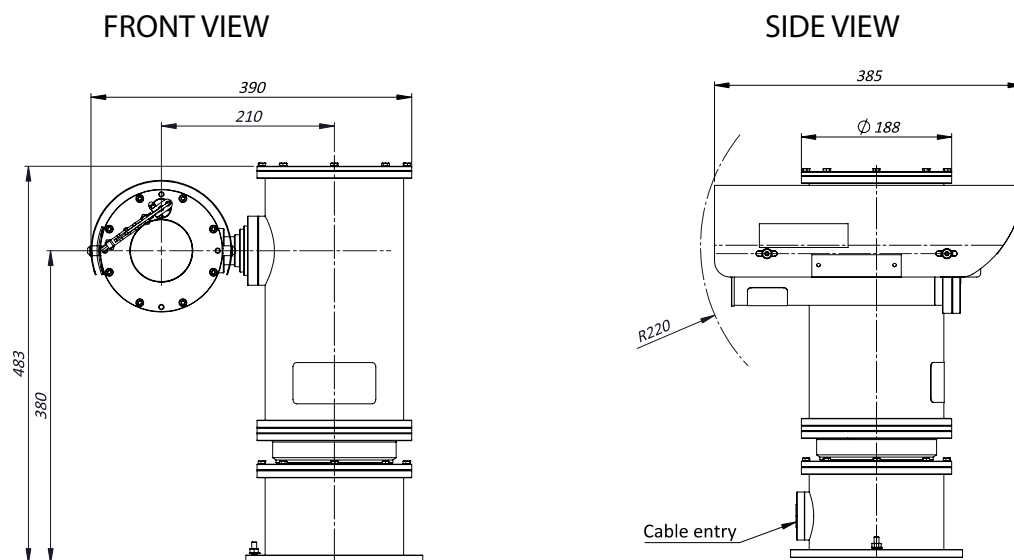
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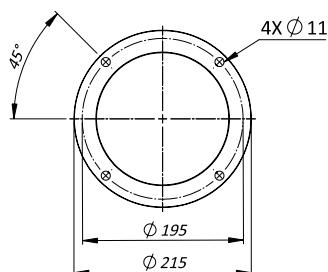
FLAMEPROOF STAINLESS STEEL PTZ CAMERA STATION

DIMENSIONS

The dimensions in the technical drawings are in millimetres.



MOUNTING PATTERN



MAX EXTERNAL LENGTH

Model	L1 [mm] Height	L2 [mm] Width
EXUSPTZTV4-CR/24	483 (19in)	390 (15in)

The unit cannot be installed upside-down nor horizontally