

TECNOVIDEO

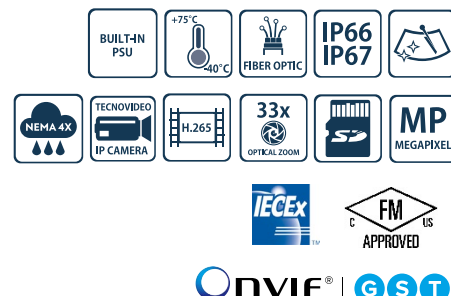
CCTV SYSTEMS AND ACCESSORIES

EXUSPTZTV2 SERIES

FLAMEPROOF STAINLESS STEEL PTZ CAMERA STATION

HAZARDOUS AREA

- HAZARDOUS LOCATIONS CERTIFIED PTZ CAMERA
- 3MP, 33x 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	1/2.8" Progressive CMOS, 3MP
Resolution	Up to 2065x1553 @30fps
Compression	H.265/H.264/MJPEG
Streaming	Up to 4 configurable streams
Frame Rate	30 fps
Sensitivity	Color: 0.04 lux, B/W: 0.002 lux
Shutter Speed	1~1/10000 s
Optical Filter	Automatically removable IR-cut filter
White Balance	Contrast White Balance
Dynamic range	WDR/HDR
Lens	33x Optical Zoom, 10x Digital Zoom, AF, 4.6-152mm, F1.6
Iris	P-Iris, Auto-Iris
Analytics	Motion Detection/ Tampering
Image settings	Color, Brightness, Sharpness, Contrast, White Balance, Exposure control, 2DNR/3DNR/NR by motion masking
Event Triggers	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger
Event Actions	External Output Activation
Edge Recording	microSD (card not provided)
Network Storage	support for recording to NAS

NETWORK

Interface	10/100 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 *
<i>* Suitable for Class I Div 2 using Zone 1 wiring methods as permitted per NEC Art. 501</i>	
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

EXUSPTZTV2-CR/24	Flameproof PTZ IP camera station, 24VAC
EXUSPTZTV2-CR/120	Flameproof PTZ IP camera station, 120VAC
EXUSPTZTV2FO-CR/24	Flameproof PTZ IP camera station. SM FO Media converter, 24VAC
EXUSPTZTV2FO-CR/120	Flameproof PTZ IP camera station. SM FO Media converter, 120VAC

MOUNTING ACCESSORIES

SSBK-L	Wall mounting bracket
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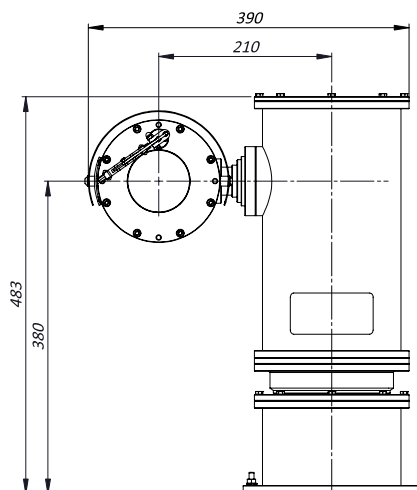
Tecnovideo S.r.l. - Via A. De Gasperi, 3 36030 Villaverla (VI) ITALY - Tel. +39.0445.350444 - info@tecnovideoocctv.com

FLAMEPROOF STAINLESS STEEL PTZ CAMERA STATION

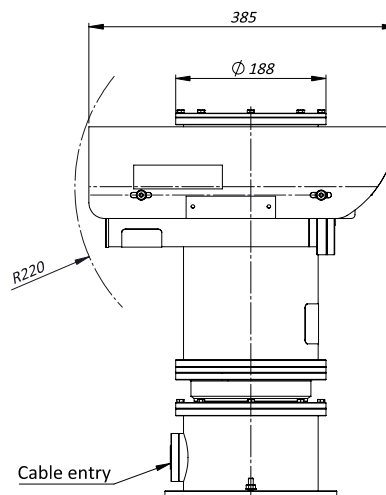
DIMENSIONS

The dimensions in the technical drawings are in millimetres.

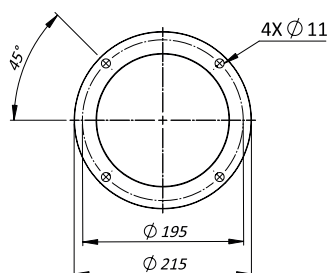
FRONT VIEW



SIDE VIEW



MOUNTING PATTERN



MAX EXTERNAL LENGTH

Model	L1 [mm] Height	L2 [mm] Width
EXUSPTZTV2-CR/24	483 (19in)	390 (15in)

The unit cannot be installed upside-down nor horizontally