

TECNOVIDEO

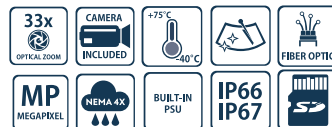
CCTV SYSTEMS AND ACCESSORIES

EXUSF129TV2 SERIES

FLAMEPROOF FIXED CAMERA STATION

HAZARDOUS AREA

- HAZARDOUS LOCATIONS CERTIFIED 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
- OPTIONAL 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 M5 on 101,6 PCD 4x M6 on 90x130
Cable entries	2x M25 x1,5 or 3/4in (adapter)
Wiper	Optional
Weight	Unit: 15kg (33lb)/ Package: 16,5kg (36.4lb) (version with wiper)

ELECTRICAL

Thermostatically controlled heater	
T[°C] ON = 53 ± 39°F (12 ± 4°C) T[°C] OFF = 68°F ± 37°F (20 ± 3°C)	
Available voltages	24VAC, 120VAC (+/-10%) PoE available upon request.
Max power consumption	25W

VIDEO/CAMERA

Sensor	1/2.8" Progressive CMOS, 3MP
Compression	H.264/H.265/M-JPEG
Streaming	Up to 4 configurable streams
Resolution	Up to 2065x1553 @30fps
Frame Rate	30 fps
Iris	Auto-Iris, F1.6
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/Multi Exposure HDR
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
Analytics	Motion Detection/ Tampering/ Audio detection
Lens	33x Optical Zoom, 10x Digital Zoom, AF, 4.6-152mm, F1.6
Local Storage	microSD (card not provided)
Network Storage	support for recording to NAS

NETWORK

Interface	10/100 Mbps Ethernet
Security	User Authentication/ HTTPS/ IP Filter/ IEE 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, SNMPv1-3, 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

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

EXUSF129TV2-C2M/24	Flameproof camera station, 24VAC
EXUSF129TV2-C2M/120	Flameproof camera station, 120VAC
EXUSF129WRTV2-C2M/24	Flameproof camera station with wiper, 24VAC
EXUSF129WRTV2-C2M/120	Flameproof camera station with wiper, 120VAC

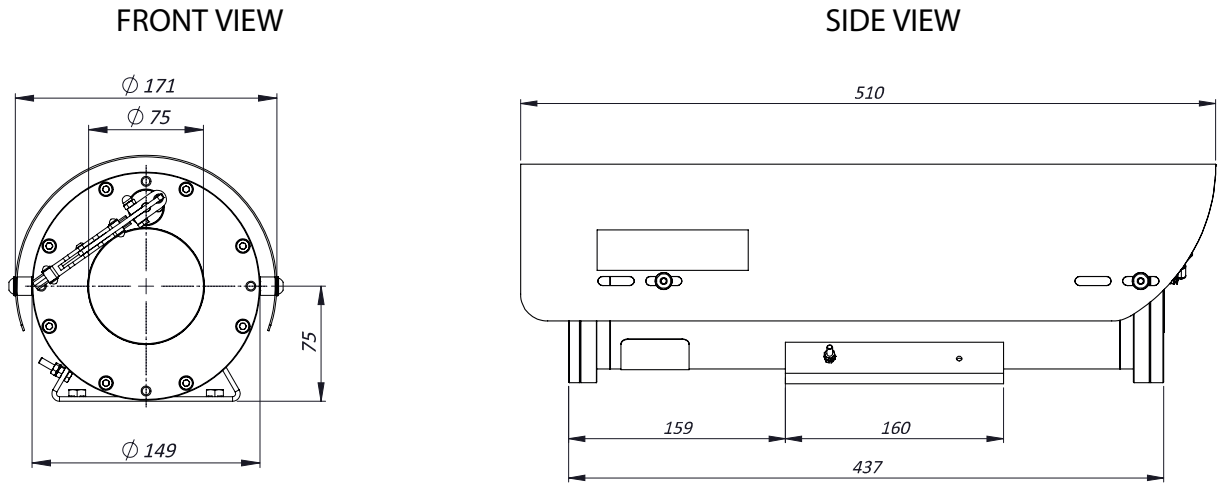
Available upon request:
- built-in Single Mode fiber optic Media Converter
- POE

ACCESSORIES

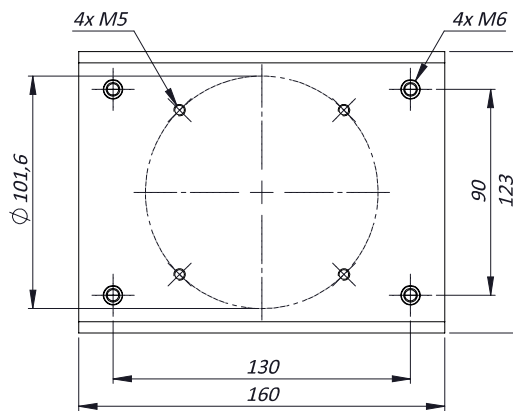
SSBK-M	Wall mounting bracket
SSPM-M	Pole mount adapter for SSBK-M
SSPTM-M	Top pole mount adapter

DIMENSIONS

The dimensions in the technical drawings are in millimetres.



MOUNTING PATTERN



MAX EXTERNAL LENGTH

Model	L1 [mm]	L2 [mm]
EXUSF129TV2-C2M	510mm (20in)	437mm (17in)
EXUSF129WRTV2-C2M	630mm (20in)	437mm (17in)