

TECNOVIDEO

CCTV SYSTEMS AND ACCESSORIES

EXUSF129TA01 SERIES

FLAMEPROOF FIXED CAMERA STATION

HAZARDOUS AREA

- HAZARDOUS LOCATIONS CERTIFIED CAMERA
- POWERED BY **AVIGILON 2.0C-H5A-B1**, DAY/NIGHT FULL HD, 18X OPTICAL ZOOM
- AISI316L STAINLESS STEEL CONSTRUCTION
- CERTIFICATION TEMPERATURE -40°C +75°C
- OPTIONAL BUILT-IN FIBER MEDIA CONVERTER
- OPTIONAL BUILT-IN 120VAC POWER SUPPLY
- WIPER

AVIGILON™



ONVIF | GST

TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions	See drawings next page
Operating Temperature	-4° +140° F (-20° +60°C)
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	Yes
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 MAX

VIDEO/CAMERA

Sensor	1/2.8" progressive scan CMOS
Compression	H.264 HDSM SmartCodec, H.265 HDSM SmartCodec, Motion JPEG
Streaming	Multi-stream H.264, Multi-stream H.265, Motion JPEG
Resolution	1920x1080
Frame Rate	(50 Hz/60 Hz): 25 fps/30 fps
Iris	Automatic, Open, Closed
Sensitivity	0.039 lux in color mode, 0.02 lux in monochrome mode
Shutter Speed	Automatic, Manual (1/7 to 1/8196 sec)
White Balance	Automatic, Manual
Dynamic range	WDR
Noise Reduction	3D Noise Reduction
Event Triggers	Analytics, Tamper Detection, Objects in Area, Object Loitering, Objects Crossing Beam, Object Appears or Enters Area, Direction Violated
Analytics	NEXT-GENERATION VIDEO ANALYTICS: Expanded object classifications and more accurate detection in crowded scenes so you can detect and act faster.
Lens	4.7~84.6mm(18x) motorized
Local storage	microSD/microSDHC/microSDXC slot

NETWORK

Interface	100BASE-TX, RJ45 Connector, CAT5e Cabling
Security	Password protection, HTTPS encryption, digest authentication, WS authentication, user access log, 802.1x port based authentication
ONVIF	ONVIF compliance version 1.02, 2.00, Profile S, Profile T, Profile G
Protocols	IPv6, IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMP, ICMP, DHCP, Zeroconf, ARP, RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/RTSP/HTTPS/TCP, HTTP, SNMP v2c, SNMP v3

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

EXUSF129WRTA01-C2M/24	Flameproof camera station with wiper, 24VAC
EXUSF129WRTA01-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

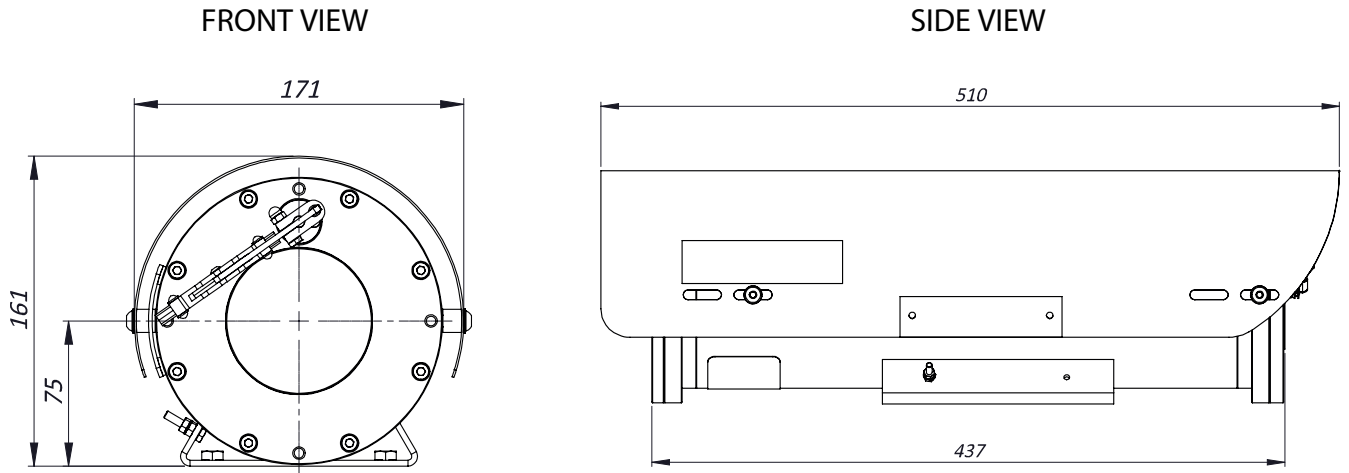
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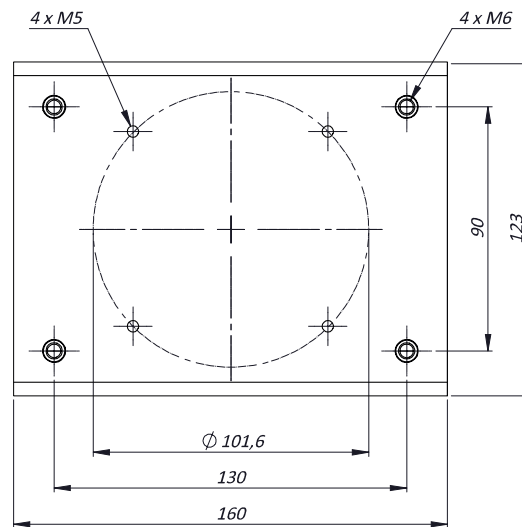
FLAMEPROOF FIXED CAMERA STATION

DIMENSIONS

The dimensions in the technical drawings are in millimetres.



MOUNTING PATTERN



MAX EXTERNAL LENGTH

Model	L1 [mm]	L2 [mm]
EXUSF129TA01-C2M	510mm (20in)	437mm (17in)
EXUSF129WRTA01-C2M	510mm (20in)	437mm (17in)

*This is only an example of integration of Avigilon camera in Tecnovideo products.
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