

# TECNOVIDEO

CCTV SYSTEMS AND ACCESSORIES

## EXF129TA01 SERIES

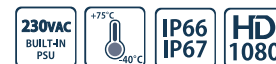
EXPLOSION PROOF FIXED CAMERA STATION

HAZARDOUS AREA

- ATEX/IECEX CAMERA FOR HAZARDOUS LOCATIONS
- 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 230VAC POWER SUPPLY



AVIGILON™



ONVIF® | G S T

### TECHNICAL SPECIFICATIONS

#### GENERAL & MECHANICAL

<b>Dimensions</b>	See drawings next page
<b>Operating Temperature</b>	-20° +60°C (-4°F +140°F)
<b>Construction</b>	AISI316L Stainless Steel
<b>Finish</b>	Electro-polished
<b>Mounting</b>	4x M5 on 101,6 PCD 4x M6 on 90x130
<b>Cable entries</b>	2x M25x1,5 cable entries.
<b>Wiper</b>	Yes
<b>Weight</b>	Unit: 15kg / Package: 16,5kg (version with wiper)

#### ELECTRICAL

<b>Thermostatically controlled heater</b>	<b>T[°C] ON</b> = 12 ± 4°C, <b>T[°C] OFF</b> = 20 ± 3°C
<b>Available voltages</b>	24VAC, 115VAC, 230VAC (+/-10%) PoE available upon request.
<b>Max power consumption</b>	25W

#### VIDEO/CAMERA

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

#### NETWORK

<b>Interface</b>	100BASE-TX, RJ45 Connector, CAT5e Cabling
<b>Security</b>	Password protection, HTTPS encryption, digest authentication, WS authentication, user access log, 802.1x port based authentication
<b>ONVIF</b>	ONVIF compliance version 1.02, 2.00, Profile S, Profile T, Profile G
<b>Protocols</b>	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

<b>Ingress Protection Rating</b>	EN 60529 (IP66/IP67) ⊕ II 2 G Ex db op pr IIC T6 Gb -40°C ≤ Tamb ≤ +60°C ⊕ II 2 D Ex tb IIIC T85°C Db -40°C ≤ Tamb ≤ +60°C ⊕ II 2 G Ex db op pr IIB T5 Gb -40°C ≤ Tamb ≤ +75°C ⊕ II 2 D Ex tb IIIC T100°C Db -40°C ≤ Tamb ≤ +75°C
<b>ATEX/UKEX Standards</b>	EN60079-0; EN60079-1; EN60079-28; EN60079-31
<b>IECEX Standards</b>	IEC 60079-0; IEC 60079-1; IEC 60079-28; IEC 60079-31
<b>INMETRO</b>	ABNT NBR IEC 60079-0; ABNT NBR IEC 60079-1; ABNT NBR IEC 60079-28; ABNT NBR IEC 60079-31
<b>EMC</b>	EN 50130-4; EN 55035 ; EN/IEC 61000-6-2 ; EN/IEC 61000-6-4
<b>LVD</b>	EN 60950-1; EN 60950-22
<b>RoHS</b>	2011/65/EU + 2015/863/EU (RoHS 3)
<b>WEEE</b>	2012/19/EU

#### MODELS

<b>EXF129WRTA01-C2M/24</b>	Fixed camera station, MEDIUM size, wiper, 24VAC
<b>EXF129WRTA01-C2M/115</b>	Fixed camera station, MEDIUM size, wiper, 115VAC
<b>EXF129WRTA01-C2M/230</b>	Fixed camera station, MEDIUM size, wiper, 230VAC

All the above models include AVIGILON 2.0C-H5A-B1 camera, sunshield, heater, and telemetry receiver.

Available upon request:

-	built-in Single Mode fiber optic Media Converter
-	without wiper

#### PRE-ASSEMBLED CONDUIT TAILS

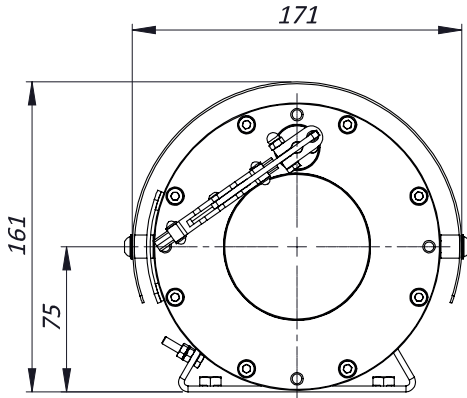
<b>EXACCTF3-A</b>	3 meters armoured composite cable tail (power, Ethernet, data) with 2x M25 barrier nickel plated brass glands.
<b>EXACCTF3-C</b>	3 meters armoured composite cable tail (power, data, fiber optic) with 2x M25 barrier nickel plated brass glands. Fiber termination: SC
<b>EXACCTF5-A</b>	5 meters armoured composite cable tail (power, Ethernet, data) with 2x M25 barrier nickel plated brass glands.
<b>EXACCTF5-C</b>	5 meters armoured composite cable tail (power, data, fiber optic) with 2x M25 barrier nickel plated brass glands. Fiber termination: SC
<b>EXACCTF10-A</b>	10 meters armoured composite cable tail (power, Ethernet, data) with 2x M25 barrier nickel plated brass glands.
<b>EXACCTF10-C</b>	10 meters armoured composite cable tail (power, data, fiber optic) with 2x M25 barrier nickel plated brass glands. Fiber termination: SC

#### ACCESSORIES

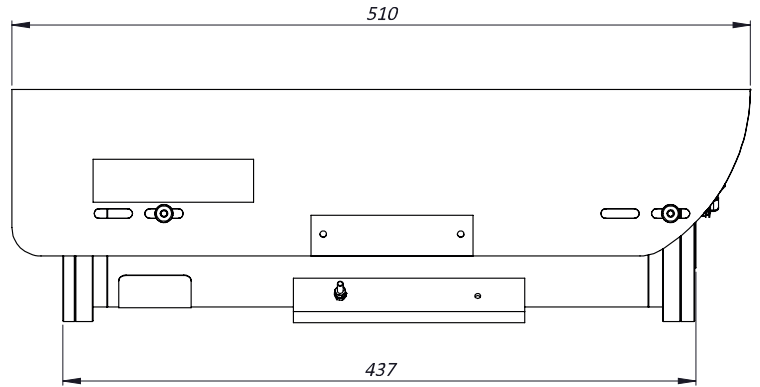
<b>SSBK-M</b>	Wall mounting bracket
<b>SSPM-M</b>	Pole mount adapter for SSBK-M
<b>SSPTM-M</b>	Top pole mount adapter

## DIMENSIONS

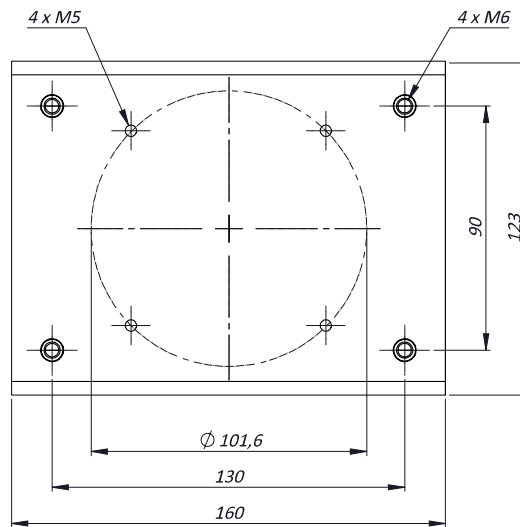
FRONT VIEW



SIDE VIEW



MOUNTING PATTERN



MAX EXTERNAL LENGTH

Model	L1 [mm]	L2 [mm]
EXF129WRTA01-C2M/24	510	437
EXF129WRTA01-C2M/115	510	437
EXF129WRTA01-C2M/230	510	437

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