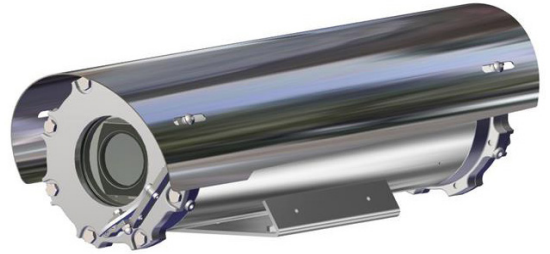


## TXFUSTV4 SERIES

INNOVATIVE EXPLOSIONPROOF NEXT FIXED CAMERA STATION

HAZARDOUS AREA

- **INNOVATIVE PRODUCT, BEST IN CLASS TECHNOLOGY**
- CLASS1/DIV1 EXPLOSIONPROOF CAMERA FOR HAZARDOUS LOCATIONS
- AISI316L STAINLESS STEEL CONSTRUCTION
- 4K (8MP), H.265, 22X AUTOFOCUS OPTICAL ZOOM
- EIS ELECTRONIC IMAGE STABILIZER
- EDGE RECORDING
- OPTIONAL WINDOW WIPER
- IP68/69, NEMA 4X
- OPTIONAL BUILT-IN FIBER MEDIA CONVERTER
- OPTIONAL BUILT-IN IP OVER COAXIAL CONVERTER
- OPTIONAL BUILT-IN 120VAC POWER SUPPLY
- CYBER SECURITY FEATURES
- NDAA COMPLIANT



### TECHNICAL SPECIFICATIONS

#### GENERAL & MECHANICAL

<b>Dimensions</b>	See dimensions drawings
<b>Operating Temperature</b>	CANADA: -50°C +60°C, +75°C peak (-58°F +140°F, +167°F peak) USA: -25°C +60°C, +75°C peak (-13°F +140°F, +167°F peak)
<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>	2xM25x1.5 and 2x 3/4in (adapter)
<b>Wiper</b>	Optional
<b>Weight</b>	Unit: 23lb / Package: 26lb (version with wiper)

#### ELECTRICAL

<b>Temperature Climatization</b>	T[°C] ON = 54 ±7°F (12 ± 4°C) T[°C] OFF = 68°F ± 5°F (20 ± 3°C)
<b>Available voltages</b>	24VAC, 120VAC (+/-10%) 24VDC or PoE available on request
<b>Power consumption</b>	40W MAX

#### CERTIFICATIONS

<b>Ingress Protection</b>	IP66/IP67/IP68/IP69 (EN 60529), NEMA 4X
<b>IK Classification</b>	IK10 on all sides except for the front glass, which is rated IK08
<b>Rating</b>	Class I, Division 1, Groups A, B, C and D T6/T5/T4 -50°C ≤ Tamb ≤ +60°C/75°C/80°C (only for Canada) Class I, Division 1, Groups B, C and D T6/T5/T4 -25°C ≤ Tamb ≤ +60°C/75°C/80°C (only for US) Class II/III, Division 1, Groups E, F and G T6/T5/T4 -50°C ≤ Tamb ≤ +60°C/75°C/80°C (for US/Canada) Class 1 Zone 1 AEx/Ex db IIC T6/T5/T4 Gb -50°C ≤ Tamb ≤ +60°C/75°C/80°C Zone 21 AEx/Ex tb IIIC T85°C/T100°C/T135°C Db -50°C ≤ Tamb ≤ +60°C/75°C/80°C
<b>Vibrations and Shock</b>	EN/IEC 60068-2-6; EN/IEC 60068-2-27; DNV-CG-0339
<b>North American Standards</b>	FM 3600; FM 3615; FM 3616; FM 3810; ANSI/UL 50E; ANSI/UL 60079-0; ANSI/UL 60079-1; ANSI/UL 60079-31; ANSI/IEC 60529; ANSI/UL 61010-1 CSA C22.2 No. 0.4; CSA C22.2 No. 0.5; CSA C22.2 No. 25; CSA C22.2 No. 30; CSA C22.2 No. 94.2; CSA C22.2 No. 60079-0; CSA C22.2 No. 60079-1; CSA C22.2 No. 60079-31; CSA C22.2 No. 60529; CSA C22.2 No. 61010-1
<b>EMC</b>	EN 55032; EN 55035; EN/IEC 61000-6-2; EN/IEC 61000-6-4; EN/IEC 61000-3-2; EN/IEC 61000-3-3; CISPR-32; CISPR-35; DNV-CG-0339
<b>LVD</b>	EN/IEC 62368-1
<b>FCC</b>	FCC part 15B
<b>RoHS</b>	2011/65/EU + 2015/863/EU (RoHS 3)
<b>WEEE</b>	2012/19/EU

## INNOVATIVE EXPLOSIONPROOF NEXT FIXED CAMERA STATION

### VIDEO/CAMERA

<b>Sensor</b>	1/1.8" Sony Progressive CMOS, 8MP
<b>Resolution</b>	- Up to 3864x2180, 4K (H.264/H.265) - Up to 1920x1080, 2MP (MJPEG)
<b>Compression</b>	H.265/H.264/MJPEG
<b>Streaming</b>	Up to 4 configurable streams
<b>Frame Rate</b>	- 2MP: 60fps (WDR off), 30 fps (WDR on) - 4K: 30fps (H.264/H.265)
<b>Sensitivity</b>	Color: 0.04 lux, B/W: 0.002 lux
<b>Shutter Speed</b>	1 to 1/10000 s
<b>Optical Filter</b>	Automatically removable IR-cut filter
<b>White Balance</b>	Contrast White Balance
<b>Dynamic range</b>	WDR/HDR
<b>Lens</b>	22x Optical Zoom Auto Focus, 10x Digital, focal Length 6.4-138.5 mm
<b>FOV</b>	Horizontal: 64° (Wide), 3° (Tele) Vertical: 37° (Wide), 2° (Tele)
<b>Analytics</b>	Motion Detection/Tampering. OPTIONAL: intrusion detection, wrong direction, object removal, sabotage, loitering, stopped vehicle, object counting
<b>Image settings</b>	Color, Brightness, Sharpness, Contrast, White Balance, Exposure control, 2D/3D Noise Reduction
<b>Event Triggers</b>	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger
<b>Event Actions</b>	External Output Activation
<b>Edge Recording</b>	Micro SD/SDHC/SDXC (card not provided)
<b>Network Storage</b>	Support for recording to NAS
<b>SNR</b>	>50dB
<b>Noise Reduction</b>	3D Motion Compensated Noise Reduction
<b>Iris</b>	P-Iris, Auto-Iris
<b>Image Stabilization</b>	EIS

### NETWORK

<b>Interface</b>	100BASE-TX/1000BASE-T or 100BASE-FX/1000BASE-X (fiber)
<b>Security</b>	User Authentication/ HTTPS/ IP Filter/ IEEE 802.1x/SNMPv3
<b>ONVIF</b>	ONVIF profile S/T/G/M
<b>Protocols</b>	IPv4/v6, TCP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ARP, NTP

### FIBER MEDIA CONVERTER

<b>Interface</b>	100 Base-FX/1000BASE-X
<b>Cabling</b>	Singlemode (9/125 µm) /two fibers/SC connector
<b>Maximum Distance</b>	20km
<b>Wavelength</b>	1310 nm

### IP OVER COAXIAL CONVERTER

<b>Interface</b>	10/100 Base-TX over Coaxial Cable
<b>Bandwidth</b>	Up to 95Mbps downlink/uplink
<b>Maximum Distance</b>	1800m
<b>Technology</b>	Broadband over Power Lines (BPL)
<b>Interference Prevention</b>	IEEE 1901-2010 Inter-System Protocol ISP

### MODELS

<b>TXFUS2TV4-IP-M</b>	New Generation Explosionproof FIXED IP camera station 4K 22x, 120VAC
<b>TXFUS1TV4-IP-M</b>	New Generation Explosionproof FIXED IP camera station 4K 22x, 24VAC
<b>TXFUS2TV4-SM-M</b>	New Generation Explosionproof FIXED IP camera station 4K 22x, with SM FO media converter, 120VAC
<b>TXFUS1TV4-SM-M</b>	New Generation Explosionproof FIXED IP camera station 4K 22x, with SM FO media converter, 24VAC
<b>TXFUS2TV4W-IP-M</b>	New Generation Explosionproof FIXED IP camera station 4K 22x, wiper, 120VAC
<b>TXFUS1TV4W-IP-M</b>	New Generation Explosionproof FIXED IP camera station 4K 22x, wiper, 24VAC
<b>TXFUS2TV4W-SM-M</b>	New Generation Explosionproof FIXED IP camera station 4K 22x, wiper and SM FO media converter, 120VAC
<b>TXFUS1TV4W-SM-M</b>	New Generation Explosionproof FIXED IP camera station 4K 22x, wiper and SM FO media converter, 24VAC

- for IP over COAXIAL converter replace the suffix ""IP"" with ""CX""  
- All the above models include sunshield and heater

### 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
<b>SSDM-M</b>	Adapter to pair with IR LED illuminator on a single SSBK-M bracket

## DIMENSIONS

