

TXCTV10 SERIES

INNOVATIVE EXPLOSIONPROOF NEXT BULLET 5MP CAMERA STATION

HAZARDOUS AREA

- **INNOVATIVE PRODUCT, BEST IN CLASS TECHNOLOGY**
- COMPACT DESIGN
- ATEX/IECEX/UKCA/INMETRO EXPLOSIONPROOF CAMERA FOR HAZARDOUS LOCATIONS
- AISI316L STAINLESS STEEL CONSTRUCTION
- CERTIFICATION TEMPERATURE -60°C +75°C
- 5MP CAMERA, H.265, 2.7-12MM MOTORIZED VARIFOCAL
- WALL MOUNT INCLUDED
- EDGE RECORDING
- IP66/67/68/69
- OPTIONAL BUILT-IN FIBER MEDIA CONVERTER
- OPTIONAL BUILT-IN IP OVER COAXIAL CONVERTER
- OPTIONAL BUILT-IN 100-240VAC OR POE POWER SUPPLY
- H2-READY
- CYBER SECURITY FEATURES
- NDAA COMPLIANT



TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions	See dimensions drawings
Operating Temperature	-40°C +60°C, +75°C peak (-40°F +140°F, +167°F peak)
Construction	AISI316L Stainless Steel
Finish	Electro-polished
Mounting	See dimensions drawings
Cable entries	1x M25 x1,5
Wiper	No
Weight	Unit: 7.5 Kg / Package: 9 Kg

ELECTRICAL

Temperature Climatization	T[°C] ON = 12 ± 4°C, T[°C] OFF = 20 ± 3°C
Available voltages	24VAC/DC, 100-240VAC (+/-10%), PoE+(802.3at)
Power consumption	• 40W MAX • 25W MAX (PoE+)

CERTIFICATIONS

Ingress Protection	EN 60529 (IP66/IP67/IP68/IP69)
Rating	II 2 G Ex db IIC T6/5 Gb -60°C ≤ Tamb ≤ +65/75°C II 2 D Ex tb IIIC T85/100°C Db -60°C ≤ Tamb ≤ +65/75°C
ATEX/UKCA Standards	EN 60079-0; EN 60079-1; EN 60079-31
IECEX Standards	IEC 60079-0; IEC 60079-1; IEC 60079-31
INMETRO Standards	ABNT NBR IEC 60079-0, ABNT NBR IEC 60079-1, ABNT NBR IEC 60079-31
EMC	EN 55032; EN 55035; EN/IEC 61000-3-2; EN IEC 61000-3-3; EN IEC 61000-6-2; EN IEC 61000-6-4; CISPR 32; CISPR 35
LVD	EN/IEC 62368-1
RoHS	2011/65/EU + 2015/863/EU (RoHS 3)
WEEE	2012/19/EU

VIDEO/CAMERA

Sensor	1/2.7" Progressive CMOS, 5MP
Resolution	- Up to 2720x1976, 5MP (H.264/H.265) - Up to 1920x1080, 2MP (MJPEG)
Compression	H.265/H.264/MJPEG
Streaming	Up to 4 configurable streams
Frame Rate	- 2MP: 60fps (WDR off), 30 fps (WDR on) - 5MP: 30fps (H.264/H.265)
Sensitivity	Color: 0.11 lux, B/W: 0.023 lux
Shutter Speed	1~1/10000 s
Optical Filter	Automatically removable IR-cut filter
White Balance	Contrast White Balance
Dynamic range	WDR/HDR
Lens	2.7-12mm Motorized Varifocal, 10x Digital Zoom, F1.6
FOV	Horizontal: 102.1° (Wide), 31.5° (Tele) Vertical: 70.3° (Wide), 22.7° (Tele)
Analytics	Motion Detection/Tampering OPTIONAL: Face Detection/Tracking/Recognition, LPR Detection/Recognition, People Counting, Human/Vehicle Classification, Object Classification/Recognition
Image settings	Color, Brightness, Sharpness, Contrast White Balance, Exposure Control 2DNR, 3DNR, NR by Motion Masking, Text Overlay
Event Triggers	Analytics, Network Failure Detection, Periodical Event, Manual Trigger
Event Actions	File Upload : FTP, network share and email Notification : HTTP, FTP, email
Edge Recording	microSD/microSDHC/microSDXC card (card not provided)
Network Storage	support for recording to NAS
SNR	>50dB
Noise Reduction	2D/3D, NR by motion
Iris	P-Iris

NETWORK

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

FIBER MEDIA CONVERTER

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

IP OVER COAXIAL CONVERTER

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

MODELS

TXC5TV10-IP-L	New Generation Explosionproof COMPACT IP 5MP 2.7-12mm camera station, wall mount, PoE+
TXC6TV10-IP-L	New Generation Explosionproof COMPACT IP 5MP 2.7-12mm camera station, wall mount, 24VAC/DC
TXC7TV10-IP-L	New Generation Explosionproof COMPACT IP 5MP 2.7-12mm camera station, wall mount, 100-240VAC
TXC6TV10-SM-L	New Generation Explosionproof COMPACT IP 5MP 2.7-12mm camera station, SM FO media converter, wall mount, 24VAC/DC
TXC7TV10-SM-L	New Generation Explosionproof COMPACT IP 5MP 2.7-12mm camera station, SM FO media converter, wall mount, 100-240VAC

- for IP over COAXIAL converter replace the suffix "SM" with "CX"

CABLE TAILS

EXACCTF3-A	3 meters armored composite cable tail (power, Ethernet, data) with 2x M25 barrier nickel plated brass glands
EXACCTF3-C	3 meters armored composite cable tail (power, data, fiber optic) with 2x M25 barrier nickel plated brass glands. Fiber termination: SC
EXACCTF5-A	5 meters armored composite cable tail (power, Ethernet, data) with 2x M25 barrier nickel plated brass glands
EXACCTF5-C	5 meters armored composite cable tail (power, data, fiber optic) with 2x M25 barrier nickel plated brass glands. Fiber termination: SC
EXACCTF10-A	10 meters armored composite cable tail (power, Ethernet, data) with 2x M25 barrier nickel plated brass glands
EXACCTF10-C	10 meters armored composite cable tail (power, data, fiber optic) with 2x M25 barrier nickel plated brass glands. Fiber termination: SC
EXAECT3-A*	3 meters armoured Ethernet cable tail (CAT6A) with 2x M25 barrier nickel plated brass glands.
EXAECT5-A*	5 meters armoured Ethernet cable tail (CAT6A) with 2x M25 barrier nickel plated brass glands.
EXAECT10-A*	10 meters armoured Ethernet cable tail (CAT6A) with 2x M25 barrier nickel plated brass glands.

* for TXCSTV10-IP-L only

ACCESSORIES

SSPM-S	Pole mount adapter
SSBKCLN-XS	Ceiling mount bracket for TXC Series

DIMENSIONS

