

TECNOVIDEO

CCTV SYSTEMS AND ACCESSORIES

TXFUSTQ SERIES

INNOVATIVE EXPLOSIONPROOF NEXT FIXED CAMERA STATION

NEXT

HAZARDOUS AREA

POWERED BY

IQSIGHT

- **INNOVATIVE PRODUCT, BEST IN CLASS TECHNOLOGY**
- CLASS1/DIV1 EXPLOSIONPROOF CAMERA FOR HAZARDOUS LOCATIONS
- AISI316L STAINLESS STEEL CONSTRUCTION
- INTEGRATED IQSIGHT CAMERA
- 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
- BVMS COMPATIBLE



ONVIF



TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions	See dimensions drawings
Operating Temperature	CANADA: -40°C +60°C, +75°C peak (-40°F +140°F, +167°F peak) USA: -25°C +60°C, +75°C peak (-13°F +140°F, +167°F peak)
Construction	AISI316L Stainless Steel
Finish	Electro-polished
Mounting	4x M5 on 101,6 PCD 4x M6 on 90x130
Cable entries	2xM25x1.5 and 2x 3/4in (adapter)
Wiper	Optional
Weight	Unit: 28lb / Package: 31lb (version with wiper)

ELECTRICAL

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

CERTIFICATIONS

Ingress Protection	IP66/IP67/IP68/IP69 (EN 60529), NEMA 4X
IK Classification	IK10 on all sides except for the front glass
Rating	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 T5/T4 -25°C ≤ Tamb ≤ +60°C/75°C/80°C (only for US) Class II/III, Division 1, Groups E, F and G T5/T4 -40°C ≤ Tamb ≤ +60°C/80°C (for US/Canada) Class I Zone 1, AEx db IIC T6/T5/T4 Gb Ta=-50°C to +60°C/+75°C/+80°C Class I Zone 21, AEx tb IIIC T85°C/T100°C/T135°C Gb Ta=-50°C to +60°C/+75°C/+80°C
North American Standards	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; 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
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

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INNOVATIVE EXPLOSIONPROOF NEXT FIXED CAMERA STATION

CAMERA

LENS	NBI-7802 (71)	NBI-7803 (72)	NBI-7803S (73)
4.4-10mm (E)	71E	72E	73E
10.5-47mm (F)	71F	72F	73F

To order the camera and lens to be integrated in the housing, please specify the related number in the ordering code (see MODELS).

Example: For the housing with integrated DINION IP NBI-7803 with 4.4-10mm lens (NBI-7803-AX) the ordering code is: TXFUSTQ72E

(*) for more updated information pls visit original web site of camera manufacturer

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

TXFUS2TQz-IP-M	New Generation Explosionproof FIXED IP camera station with IQSIGHT camera, 120VAC
TXFUS1TQz-IP-M	New Generation Explosionproof FIXED IP camera station with IQSIGHT camera, 24VAC
TXFUS2TQzW-IP-M	New Generation Explosionproof FIXED IP camera station with IQSIGHT camera, wiper, 120VAC
TXFUS1TQzW-IP-M	New Generation Explosionproof FIXED IP camera station with IQSIGHT camera, wiper, 24VAC

- z: 71E = NBI-7802-AX

- z: 71F = NBI-7802-AXT

- z: 72E = NBI-7803-AX

- z: 72F = NBI-7803-AXT

- z: 73E = NBI-7803S-AX

- z: 73F = NBI-7803S-AXT

- for fiber media converter replace the suffix "IP" with "SM", ex. TXFUS2TQz-SM-M

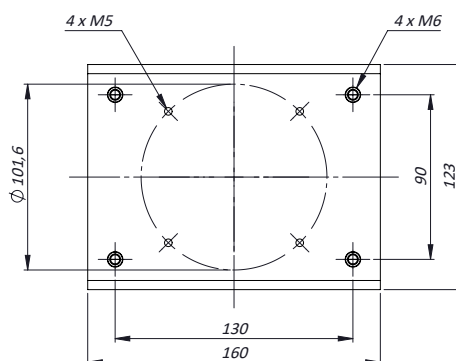
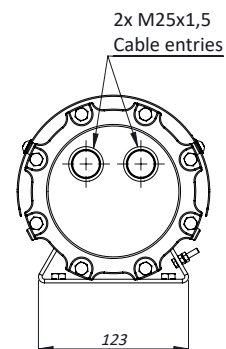
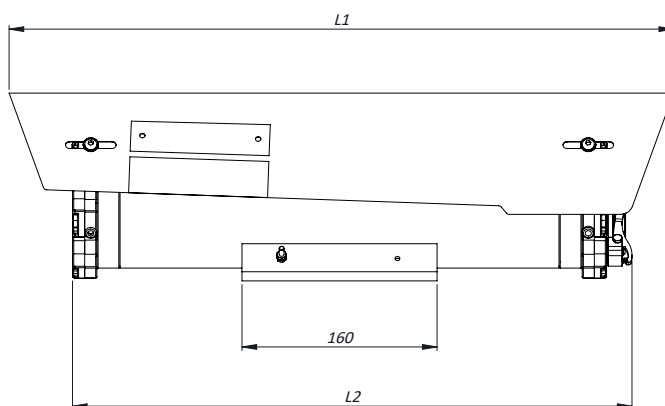
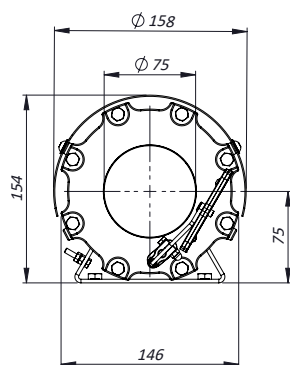
- for IP over COAXIAL converter replace the suffix "IP" with "CX", ex. TXFUS2TQz-CX-M

- All the above models include sunshield and heater

ACCESSORIES

SSBK-M	Wall mounting bracket
SSPM-M	Pole mount adapter for SSBK-M
SSPTM-M	Top pole mount adapter
SSDM-M	Adapter to pair with IR LED illuminator on a single SSBK-M bracket

DIMENSIONS



MAX EXTERNAL LENGTH

Model	L1 [mm]	L2 [mm]
TXFUS2TQz-IP-M	545	439
TXFUS2TQzW-IP-M	545	439

*This is only an example of integration of IQSIGHT cameras in Tecnovideo products.
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