

- **INNOVATIVE PRODUCT, BEST IN CLASS TECHNOLOGY**
- ATEX/IECEX/UKCA/INMETRO/ECAS EX EXPLOSIONPROOF CAMERA FOR HAZARDOUS LOCATIONS
- AISI316L STAINLESS STEEL CONSTRUCTION
- CERTIFICATION TEMPERATURE -60°C +80°C
- INTEGRATED IQSIGHT CAMERA
- EDGE RECORDING
- OPTIONAL WINDOW WIPER
- IP66/67/68/69, NEMA 4X
- OPTIONAL BUILT-IN FIBER MEDIA CONVERTER
- OPTIONAL BUILT-IN IP OVER COAXIAL CONVERTER
- OPTIONAL BUILT-IN 120VAC OR 230VAC POWER SUPPLY
- H2-READY
- BVMS COMPATIBLE



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	4x M5 on 101,6 PCD 4x M6 on 90x130
Cable entries	2x M25 x1,5
Wiper	Optional
Weight	Unit: 12,7 Kg / Package: 14,2 Kg (version with wiper)

ELECTRICAL

Temperature Climatization	T[°C] ON = 12 ± 4°C, T[°C] OFF = 20 ± 3°C
Available voltages	24VAC, 120VAC, 230VAC (+/-10%) 24VDC or PoE available on request
Power consumption	40W MAX

CERTIFICATIONS

Ingress Protection	EN 60529 (IP66/IP67/IP68/IP69), NEMA 4X
IK Classification	IK10 on all sides except for the front glass
Rating	II 2 G Ex db IIC T6/5/4 Gb -60°C ≤ Tamb ≤ +60/75/80°C II 2 D Ex tb IIIC T85/100/135°C Db -60°C ≤ Tamb ≤ +60/75/80°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	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
ECAS EX	UAE.S IEC 60079-0, UAE.S IEC 60079-1, UAE.S IEC 60079-31
LVD	EN/IEC 62368-1
RoHS	2011/65/EU + 2015/863/EU (RoHS 3)
WEEE	2012/19/EU

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: TXFTB72E

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

TXF1TQz-IP-M	New Generation Explosionproof FIXED IP camera station with IQSIGHT camera, 24VAC
TXF2TQz-IP-M	New Generation Explosionproof FIXED IP camera station with IQSIGHT camera, 120VAC
TXF3TQz-IP-M	New Generation Explosionproof FIXED IP camera station with IQSIGHT camera, 230VAC

INNOVATIVE EXPLOSIONPROOF NEXT FIXED CAMERA STATION

TXF1TQzW-IP-M	New Generation Explosionproof FIXED IP camera station with IQSIGHT camera, wiper, 24VAC
TXF2TQzW-IP-M	New Generation Explosionproof FIXED IP camera station with IQSIGHT camera, wiper, 120VAC
TXF3TQzW-IP-M	New Generation Explosionproof FIXED IP camera station with IQSIGHT camera, wiper, 230VAC

- 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. TXF2TQz-SM-M
 - for IP over COAXIAL converter replace the suffix "IP" with "CX", ex. TXF2TQz-CX-M
 - All the above models include sunshield and heater

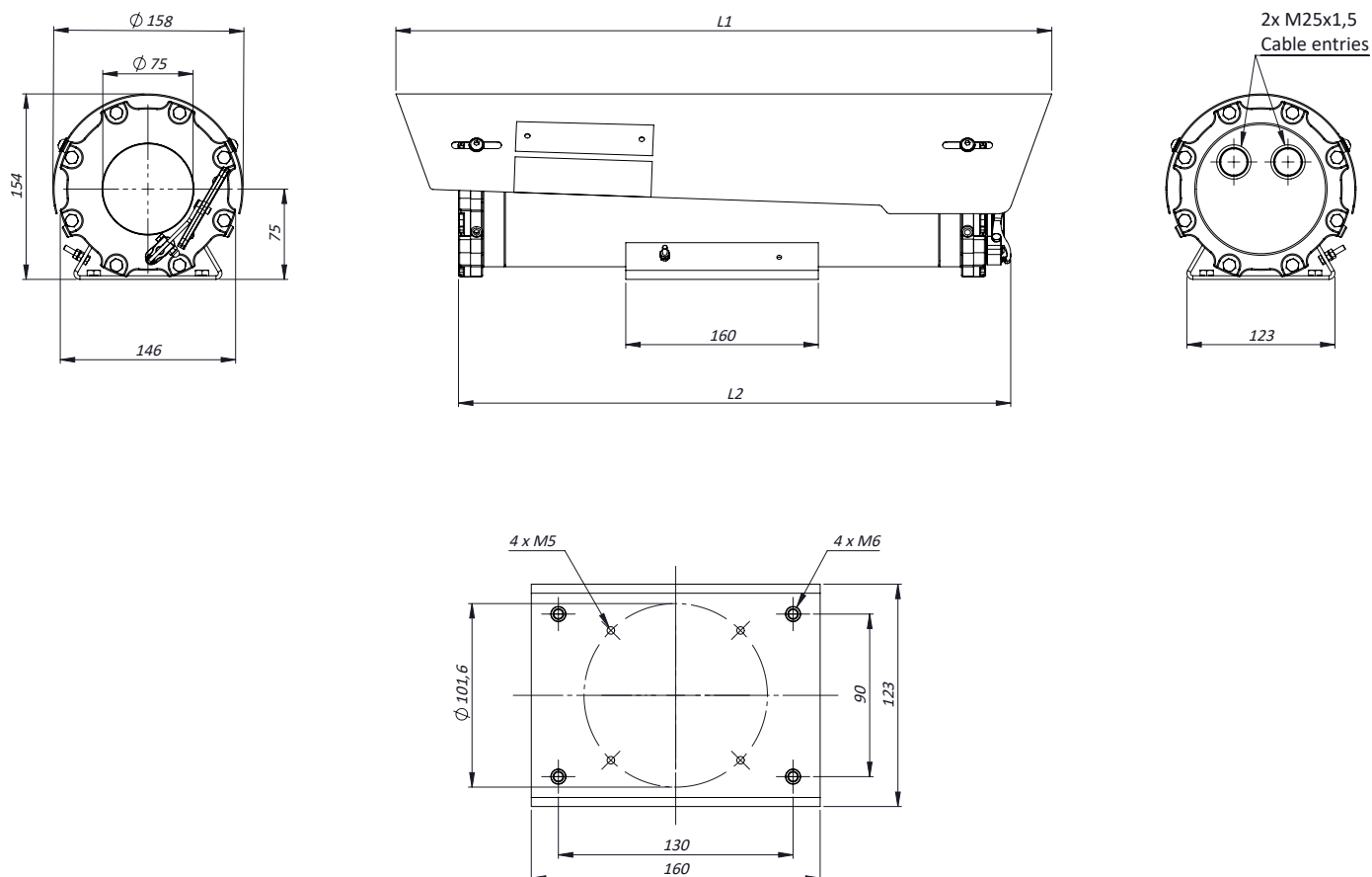
PRE-ASSEMBLED CABLE TAILS

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

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]
TXF1TQz-IP-M	545	439
TXF1TQzW-IP-M	545	439

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