TECNOVIDEO

CCTV SYSTEMS AND ACCESSORIES

# NEXT FIXED WITH BOSCH CAMERA

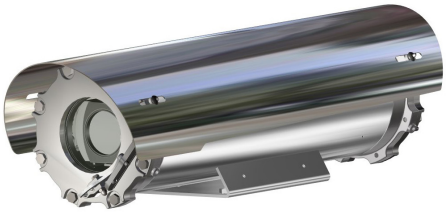
INNOVATIVE EXPLOSIONPROOF CAMERA STATION

**HAZARDOUS AREA**

**POWERED BY**

BOSCH

- **INNOVATIVE PRODUCT, BEST IN CLASS TECHNOLOGY**
- ATEX/IECEX/UKCA/INMETRO EXPLOSIONPROOF CAMERA FOR HAZARDOUS LOCATIONS
- AISI316L STAINLESS STEEL CONSTRUCTION
- CERTIFICATION TEMPERATURE -60°C +80°C
- INTEGRATED BOSCH DINION IP STARLIGHT CAMERA AND VARIFOCAL LENS
- 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



HD 1080 · 17x/50x AUTOFOCUS ZOOM LENSES · H.264 · SD · BOSCH DINION IP · BVMS · BUILT-IN PSU · H2 READY · FIBER OPTIC · IP OVER COAX · IP66 IP67 · IP68 IP69 · +80°C -60°C · ONVIF · IECEx · UKCA · INMETRO

## 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<br>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%)<br>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, which is rated IK08 |
| **Rating** | II 2 G Ex db IIC T6/5/4 Gb -60°C ≤ Tamb ≤ +60/75/80°C<br>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;<br>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 |

### CAMERA

| | DINION IP Starlight CAMERA SERIES | |
|---|---|---|
| LENS MODEL | 6000 HD (6) | 7000 HD (7) |
| **LVF-5003C-P2713 (A)** | 6A | 7A |
| **LVF-5005C-S4109 (D)** | 6D | 7D |

*To order the camera and lens to be integrated in the housing, please specify the related number (C-camera series) and letter (L-lens model) in the ordering code (see MODELS).*

*Example: For the housing with integrated DINION IP Starlight 7000 HD (7) and LVF- S4109 (D) the ordering code is: TXFTB7Dxxxxxx*

*(*) 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 |



Tecnovideo S.r.l. - Via A. De Gasperi, 3 36030 Villaverla (VI) ITALY - Tel. +39.0445.350444 - info@tecnovideocctv.com

# INNOVATIVE EXPLOSIONPROOF FIXED CAMERA STATION

## MODELS

| | |
|---|---|
| **TXF2TBxy-IP-M** | New Generation Explosionproof FIXED IP camera station with Bosch Dinion, 120VAC |
| **TXF3TBxy-IP-M** | New Generation Explosionproof FIXED IP camera station with Bosch Dinion, 230VAC |
| **TXF1TBxy-IP-M** | New Generation Explosionproof FIXED IP camera station with Bosch Dinion, 24VAC |
| **TXF2TBxyW-IP-L** | New Generation Explosionproof FIXED IP camera station with Bosch Dinion, wiper, 120VAC |
| **TXF3TBxyW-IP-L** | New Generation Explosionproof FIXED IP camera station with Bosch Dinion, wiper, 230VAC |
| **TXF1TBxyW-IP-L** | New Generation Explosionproof FIXED IP camera station with Bosch Dinion, wiper, 24VAC |

*- X: 6 = Dinion 6000, 7 = Dinion 7000*
*- Y: A = LVF-5003C-P2713 Lens, D = LVF-5005C-S4109 lens*
*- for fiber media converter replace the suffix ""IP"" with ""SM"", ex. TXF2TBxy-SM*
*- for IP over COAXIAL converter replace the suffix ""IP"" with ""CX"", ex. TXF2TBxy-CX*
*- 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 |

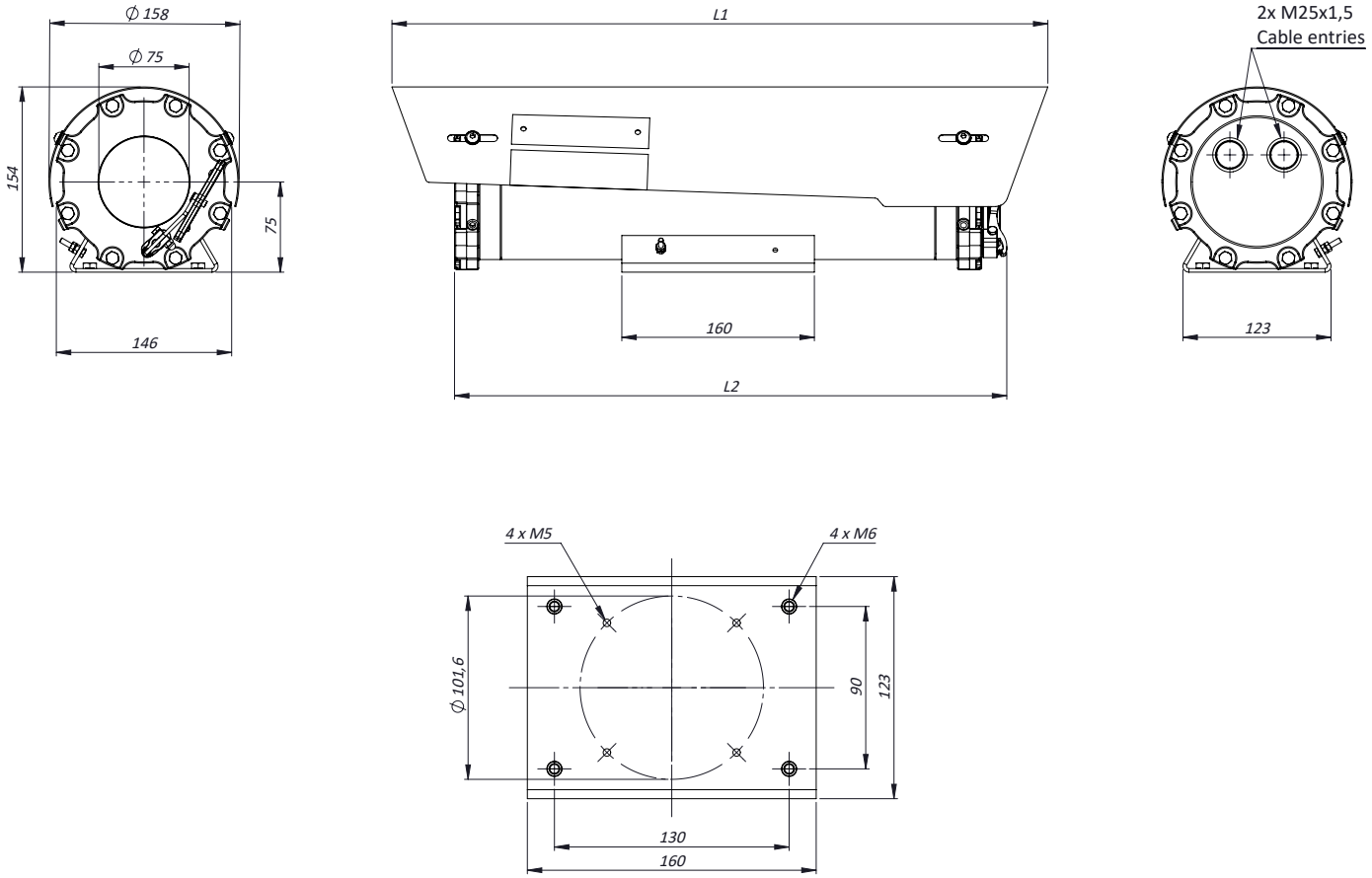
## ACCESSORIES

| | |
|---|---|
| **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 |



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## DIMENSIONS




## MAX EXTERNAL LENGTH

| Model | L1 [mm] | L2 [mm] |
|---|---|---|
| **TXFTBxy-IP-M** | 545 | 439 |
| **TXFTBxy-IP-L** | 685 | 579 |
| **TXFTBxyW-IP-M** | 545 | 460 |
| **TXFTBxyW-IP-L** | 685 | 600 |

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