

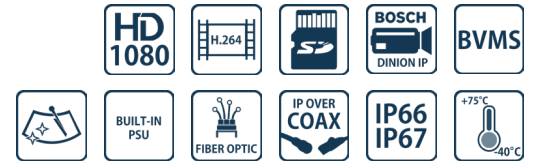
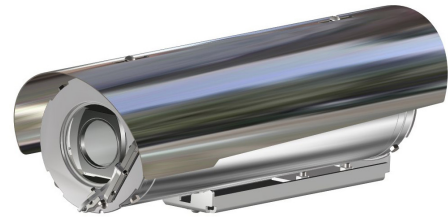
INNO FIXED WITH BOSCH CAMERA

INNOVATIVE STAINLESS STEEL CAMERA STATION

SAFE AREA

- **INNOVATIVE PRODUCT, BEST IN CLASS TECHNOLOGY**
- AISI316L STAINLESS STEEL CONSTRUCTION
- OPERATING TEMPERATURE -40°C +60°C (+75°C PEAK)
- INTEGRATED BOSCH DINION IP STARLIGHT CAMERA AND VARIFOCAL LENS
- EDGE RECORDING
- OPTIONAL WINDOW WIPER
- IP66/67
- OPTIONAL BUILT-IN FIBER MEDIA CONVERTER
- OPTIONAL BUILT-IN IP OVER COAXIAL CONVERTER
- OPTIONAL BUILT-IN 120VAC OR 230VAC POWER SUPPLY
- BVMS COMPATIBLE

POWERED BY



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	2x M6, centre to centre 63.5mm
Cable entries	2x M20 x1,5, nickel plated brass cable glands included
Wiper	Optional
Weight	Unit: 6 Kg / Package: 7,5 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)
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

LENS MODEL	DINION IP Starlight CAMERA SERIES		
	6000 HD (6)	7000 HD (7)	8000 HD (8)
LVF-5003C-P2713 (A)	6A	7A	/
LVF-5005C-S4109 (D)	6D	7D	8D

To order the camera and lens to be integrated in the housing, please specify the related number (X-camera series) and letter (Y-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: TSF1TB7D-IP-M

(*) For the most up-to-date information about the cameras, please visit the original website of the 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

INNOVATIVE STAINLESS STEEL CAMERA STATION

MODELS

TSF1TBxy-IP-M	New Generation Stainless Steel FIXED IP camera station with Bosch Dinion, 24VAC
TSF2TBxy-IP-M	New Generation Stainless Steel FIXED IP camera station with Bosch Dinion, 120VAC
TSF3TBxy-IP-M	New Generation Stainless Steel FIXED IP camera station with Bosch Dinion, 230VAC
TSF1TBxy-SM-L	New Generation Stainless Steel FIXED IP camera station with Bosch Dinion, SM FO media converter, 24VAC
TSF2TBxy-SM-L	New Generation Stainless Steel FIXED IP camera station with Bosch Dinion, SM FO media converter, 120VAC
TSF3TBxy-SM-L	New Generation Stainless Steel FIXED IP camera station with Bosch Dinion, SM FO media converter, 230VAC
TSF1TBxyW-IP-L	New Generation Stainless Steel FIXED IP camera station with Bosch Dinion, wiper, 24VAC
TSF2TBxyW-IP-L	New Generation Stainless Steel FIXED IP camera station with Bosch Dinion, wiper, 120VAC
TSF3TBxyW-IP-L	New Generation Stainless Steel FIXED IP camera station with Bosch Dinion, wiper, 230VAC
TSF1TBxyW-SM-L	New Generation Stainless Steel FIXED IP camera station with Bosch Dinion, wiper, SM FO media converter, 24VAC
TSF2TBxyW-SM-L	New Generation Stainless Steel FIXED IP camera station with Bosch Dinion, wiper, SM FO media converter, 120VAC
TSF3TBxyW-SM-L	New Generation Stainless Steel FIXED IP camera station with Bosch Dinion, wiper, SM FO media converter, 230VAC

- X: 6 = Dinion 6000, 7 = Dinion 7000, 8 = Dinion 8000
 - Y: A = LVF-5003C-P2713 Lens, D = LVF-5005C-S4109 lens
 - For IP over COAXIAL converter, replace suffix "SM" with "CX"
 - All the above models include sunshield and heater

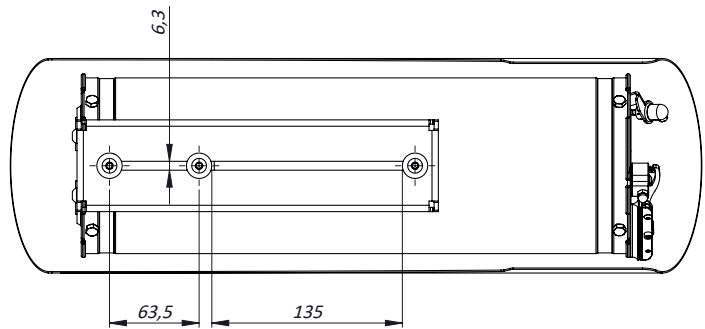
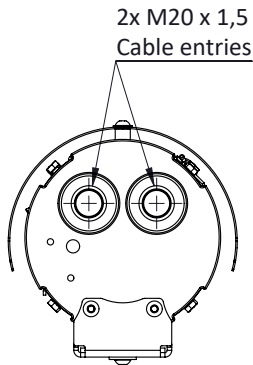
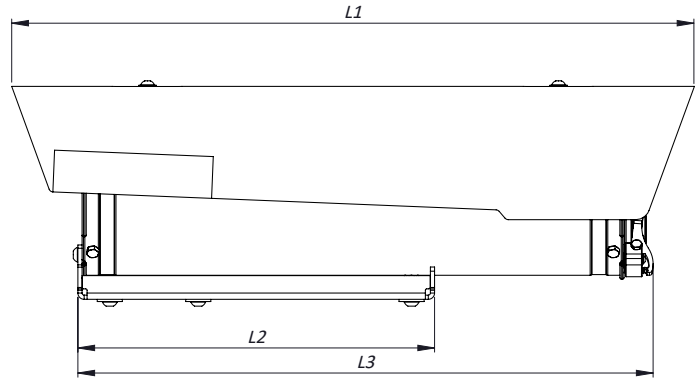
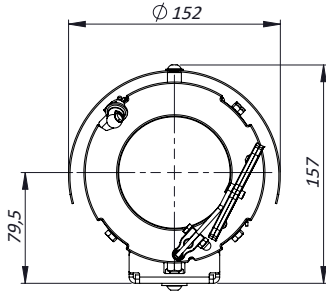
PRE-ASSEMBLED CABLE TAILS

SAUCCT3-A	3 meters composite cable tail (power, CAT6A, data) with two M20 nickel-plated brass glands.
SAUCCTF3-C	3 meters composite cable tail (power, data, fiber optic) with two M20 nickel-plated brass glands. Fiber termination: SC.
SAUCCT5-A	5 meters composite cable tail (power, CAT6A, data) with two M20 nickel-plated brass glands.
SAUCCTF5-C	5 meters composite cable tail (power, data, fiber optic) with two M20 nickel-plated brass glands. Fiber termination: SC.
SAUCCT10-A	10 meters composite cable tail (power, CAT6A, data) with two M20 nickel-plated brass glands.
SAUCCTF10-C	10 meters composite cable tail (power, data, fiber optic) with two M20 nickel-plated brass glands. Fiber termination: SC.

ACCESSORIES

SSBK-S	Wall mounting bracket
SSPM-S	Pole mount adapter for SSBK-S
SSPTM-S	Top pole mount adapter
SSBKCLN-S	Ceiling mounting bracket

DIMENSIONS



MAX EXTERNAL LENGTH

Model	L1 [mm]	L2 [mm]	L3 [mm]
TSFTB-M	490	256	392
TSFTB-L	590	356	492

*This is only an example of integration of Bosch Dinion cameras in Tecnovideo products.
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Dimensions in millimetres – Tolerances according QMS – Design and products specifications subject to change without notice – rev. 20240329