

# TECNOVIDEO

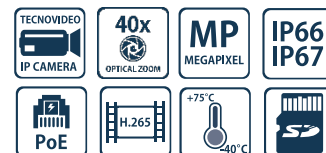
CCTV SYSTEMS AND ACCESSORIES

# SAF118TV2 SERIES

TUNNEL CAMERA STATION

SAFE AREA

- SPECIFICALLY DESIGNED FOR TUNNEL INSTALLATIONS
- 3MP CAMERA, H.265, 40X AUTOFOCUS OPTICAL ZOOM
- EIS ELECTRONIC IMAGE STABILIZER
- EDGE RECORDING
- AISI316L STAINLESS STEEL CONSTRUCTION
- ELONGATED FRONT TUBE PROTECTION
- DIRT RESISTANT WINDOW WITH SPECIAL COATING
- 3-AXIS WALL/CEILING MOUNTING BRACKET
- WEATHERPROOF STANDARD IP66/IP67
- POE AVAILABLE
- NDAA COMPLIANT



ONVIF®

## TECHNICAL SPECIFICATIONS

### GENERAL & MECHANICAL

<b>Dimensions</b>	See drawings next page
<b>Operating Temperature</b>	-40°C +60°C, +75°C peak (-40°F +140°F, +167°F peak)
<b>Construction</b>	AISI316L Stainless Steel
<b>Finish</b>	Electro-polished
<b>Window</b>	Dirt resistant glass with coating on both sides
<b>Mounting</b>	See drawings next page
<b>Cable entries</b>	2 M20x1,5 nickel plated brass cable glands (included) Standard cable diameter 5-10mm
<b>Weight</b>	5 kg

### ELECTRICAL

<b>Thermostatically controlled heater</b>	T[°C] ON = 12 ± 4°C, T[°C] OFF = 20 ± 3°C
<b>Available voltages</b>	24 VAC, 230 VAC (+/-10%), POE
<b>Power consumption</b>	25W

### VIDEO/CAMERA

<b>Sensor</b>	1/2.8" Progressive CMOS, 3MP
<b>Resolution</b>	- Up to 2065x1553, 3MP (H.264/H.265) - Up to 1920x1080, 2MP (MJPEG)
<b>Compression</b>	H.265/H.264/MJPEG
<b>Streaming</b>	Up to 4 configurable streams
<b>Frame Rate</b>	- 2MP: 60fps (WDR off), 30 fps (WDR on) - 3MP: 30fps (H.264/H.265)
<b>Sensitivity</b>	Color: 0.04 lux, B/W: 0.002 lux
<b>Shutter Speed</b>	1 to 1/10000 s
<b>Optical Filter</b>	Automatically removable IR-cut filter
<b>White Balance</b>	Contrast White Balance
<b>Dynamic range</b>	WDR/HDR
<b>Lens</b>	40x Autofocus Optical Zoom, 10x Digital Zoom, 4.3-170mm, F1.6
<b>FOV</b>	Horizontal: 63.7° (Wide), 1.7° (Tele) Vertical: 49.2° (Wide), 1.3° (Tele)
<b>Analytics</b>	Motion Detection/Tampering. OPTIONAL: intrusion detection, wrong direction, object removal, sabotage, loitering, stopped vehicle, object counting
<b>Image settings</b>	Color, Brightness, Sharpness, Contrast, White Balance, Exposure control, 2DNR/3DNR/NR by motion masking
<b>Event Triggers</b>	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger
<b>Event Actions</b>	External Output Activation

**Edge Recording**  
**Network Storage**  
**SNR**  
**Noise Reduction**  
**Iris**  
**Image Stabilization**

Micro SD/SDHC/SDXC (card not provided) support for recording to NAS  
>50Db  
3D Motion Compensated Noise Reduction  
Auto-Iris, F1.6  
EIS

### NETWORK

**Interface**  
**Security**  
**ONVIF**  
**Protocols**

10/100 Mbps Ethernet  
User Authentication/ HTTPS/ IP Filter/ IEEE 802.1x  
ONVIF profile G/S/T/M compliant  
IPv4/v6, TCP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ARP, NTP, DDNS

### CERTIFICATIONS

**Ingress Protection (EN 60529)** IP66/IP67  
**EMC** EN 50130-4; EN/IEC 61000-6-2; EN/IEC 61000-6-4  
**LVD** EN 60950-1; EN 60950-22  
**RoHS** 2011/65/EU + 2015/863/EU (RoHS 3)  
**WEEE** 2012/19/EU

### MODELS

<b>SAF118TV2/24</b>	Camera station with 3-axis wall mount and heater, 24VAC
<b>SAF118TV2/230</b>	Camera station with 3-axis wall mount and heater, 230VAC
<b>SAF118TV2/POE</b>	Camera station with 3-axis wall mount and heater, PoE

### ACCESSORIES

<b>SSPM-S</b>	Pole mount adapter.
<b>SK118</b>	Sunshield kit for SAF118TV2 series camera station (for installation outside tunnels)

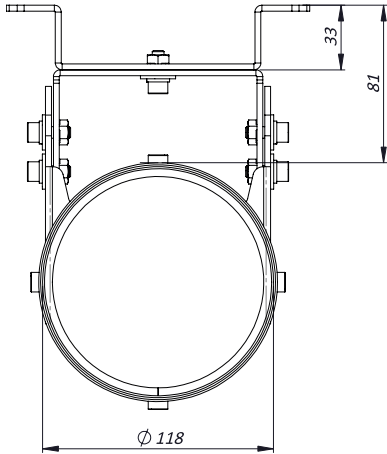
[www.tecnovideocctv.com](http://www.tecnovideocctv.com)

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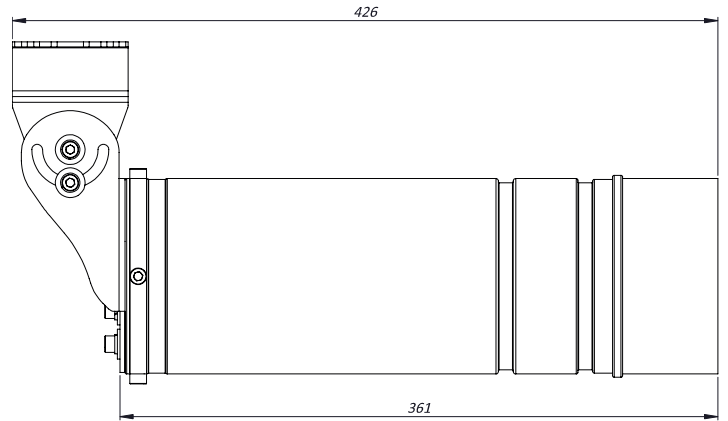
## TUNNEL CAMERA HOUSING

### DIMENSIONS

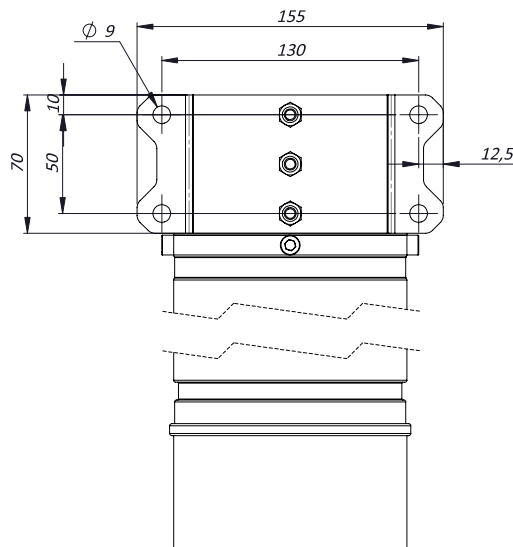
FRONT VIEW



SIDE VIEW



MOUNTING PATTERN



MAX EXTERNAL LENGTH

Model	L1 [mm]	L2 [mm]
SAF118TV2/24	426	361
SAF118TV2/230	426	361
SAF118TV2/POE	426	361