

TECNOVIDEO

CCTV SYSTEMS AND ACCESSORIES

SAF168DTV2 SERIES

STAINLESS STEEL FIXED DUAL CAMERA STATION

SAFE AREA

AISI316L STAINLESS STEEL CONSTRUCTION
FOR USE IN HIGHLY CORROSIVE ENVIRONMENTS
EASY INSTALLATION AND MAINTENANCE
INTEGRATED WIPER VERSION AVAILABLE
WEATHERPROOF STANDARD IP66/IP67
ETHERNET CONNECTION 1GBPS RJ-45
DAY/NIGHT AND IR THERMAL CAMERAS DUAL VISION



SAF168WDTV2 DUAL CAMERA STATION WITH SUNSHIELD, HEATER AND WIPER

TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions	See drawings next page
Operating Temperature	-20° + 60°C (-4° + 140° F)
Construction	AISI316L Stainless Steel
Finish	Electro-polished
Mounting	See drawings next page
Cable entries	4x M20x1.5 nickel plated brass cable glands (included) Standard cable diameter 5-10mm
Weight	Unit: 15kg/Package: 17kg (SAF168SDTV2) Unit: 16kg/Package: 18kg (SAF168WDTV2)

ELECTRICAL

Thermostatically controlled heater
T[°C] ON = 12 ± 4°C, T[°C] OFF = 20 ± 3°C

Available supply voltages	24V~, 24V~, 230V~ (+/-10%)
Max power consumption	34W

VIDEO/CAMERA

Sensor	1/2.8" Progressive CMOS, 3MP
Compression	M-JPEG/H.264/H.265
Streaming	Up to 4 configurable streams
Resolution	Up to 2065x1553 @30fps
Sensitivity	Color: 0.04 lux, B/W: 0.002 lux
Dynamic range	High Dynamic Range (HDR)
Lens	33x Optical Zoom, AF, P-Iris, Auto-Iris; 4.6-152mm; F1.6
Image settings	Color, Brightness, Sharpness, Contrast, White Balance, Exposure control, 2DNR/3DNR/NR by motion masking
Event Triggers	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger

VIDEO/CAMERA (THERMAL)

System type	Uncooled LWIR Thermal Imager, VOx Microbolometer
Pixel size	17 µm
Spectral band	7.5-13.5 µm
FOV	9.3°x7.1°
iFOV (mrad)	0.486
Min focus distance	60cm
Performance	<50mk @F1.0
Resolution	336x256 @9Hz
Lens	35mm; F1.2
Image control	Invert, revert, continuous digital zoom, dynamic zoom & pan, 2x & 4x digital zoom, polarity, false colour or monochrome, AGC, digital detail enhancement (DDE), image optimization (BPR, NUC & AGC'd video), settable splash screens

NETWORK

Interface	10/100 Mbps Ethernet
Protocols	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 61000-6-3:2007; EN 50130-4:1995 + A1:1998 + A2:2003
LVD	EN 60950-1:2006 + A11:2009
RoHS	2011/65/EU
WEEE	2012/19/EU

MODELS

SAF168SDTV2/24	Camera station + sunshield + heater. Supply voltage: 24V~
SAF168SDTV2/230	Camera station + sunshield + heater. 230V~
SAF168WDTV2/24	Camera station + sunshield + heater + wiper. 24V~
SAF168WDTV2/24D	Camera station + sunshield + heater + wiper. 24V~
SAF168WDTV2/230	Camera station + sunshield + heater + wiper. 230V~

Usable front window diameter for thermal imaging camera: 30 mm. Germanium, AR/DLC coating.
Usable front window diameter for Day/Night cameras: 73 mm.

MOUNTING ACCESSORIES

SSBK168	Wall mounting bracket with swivel joint for SAF168 Series
SSPM168	Pole mount adapter for SSBK168

ACCESSORIES AND SPARE PARTS

RX24IO	Telemetry receiver for fixed wash/wiper housings
WB168D	Wiper blade (complete assembly)
WBK168D	Wiper blade (only spare part: rubber blade and support)
HK168D	Add-on heater kit for 168-DUAL series camera housings
MK168D	Maintenance kit with O-Ring seals, screws seals, screws, cable glands (4), desiccant bags

DIMENSIONS

