TECNVIDEO
CCTV SYSTEMS AND ACCESSORIES

SAF168D SERIES
STAINLESS STEEL FIXED DUAL CAMERA STATION

ASIS316L STAINLESS STEEL CONSTRUCTION
FOR USE IN HIGHLY CORROSPSE ENVIRONMENTS
EASY INSTALLATION AND MAINTENANCE
INTEGRATED WIPER VERSION AVAILABLE
WEATHERPROOF STANDARD IP66/IP67
ETHERNET CONNECTION 10/100BASE-T RJ-45
DAY/NIGHT AND IR THERMAL CAMERAS DUAL VISION
ONVIF PROFILE S PROTOCOL COMPLIANT

168WW-DUAL: CAMERA STATION WITH SUNSHIELD HEATER AND WIPER

TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions
Operating Temperature -20° to +60°C (+4° to +140° F)
Construction ASIS316L Stainless Steel
Finish Electro-polished
Mounting See drawings next page

Cable entries 4 M20x1.5 nickel plated brass cable glands (included)
Standard cable diameter 5-10mm
Weight Unit: 15kg/Packet: 17kg (SAF168SDTV1)
Unit: 16kg/Packet: 18kg (SAF168WDTV1)

ELECTRICAL

Thermostatically controlled heater
T(°C) ON: 12 ± 4°C, T(°C) OFF: 20 ± 3°C

Available supply voltages 24V~
Max power consumption 34 W

VIDEO/CAMERA (DAY/NIGHT)

Sensor 1/2.7-inch CMOS, 2.03 MP
Compression H.264 (MP); M-JPEG
Streaming Multiple configurable streams in H.264 and MJPEG, configurable frame rate and bandwidth; ROI
Resolution Full HD (up to 1920x1080@30fps)
Sensitivity Color: 0.02Lux@F1.2, 0.005Lux@0.005F1c
Dynamic range 3200K, reflectivity 80%, F1.2, 308E
Lens Varifocal 3MP lenses; 1/2" sensor; 3.8-13mm; 1.4-4F89
Video functions white balance; AES; backlit compensation; contrast enhancement; intelligent dynamic noise reduction; intelligent defog; privacy masking (4 independent areas, fully programmable); video motion analysis; image mirroring; watermarking/Stamping

VIDEO/CAMERA (THERMAL)

System type Uncooled LWIR Thermal Imager, VOx Microbolometer
Pixel size 17 µm
Spectral band 7.5-13.5 µm
FOV’(h x v) 9.3°x7.1°
IFOV (mrad) 0.486
Min focus distance 60cm
Performance <50mK @F1.0
Compression H.264; MPEG-4, M-JPEG
Streaming Multiple streaming (up to 10 profiles)
Resolution 336x256@7.5/6.9Hz
Lens 35mm; F1.2
Image control Invert, revert, continuous digital zoom, dynamic zoom & pan, 2x & 4x digital zoom, polarity, false colour or monochrome, ASC, digital detail enhancement (DDE), image optimization (BPR, NUC & AGC’d video), settable splash screens

NETWORK

Ethernet 10/100 Base-T RJ-45
Connectivity ONVIF Profile S
Protocols IPv4, IPv6, TCP/IP, UDP/IP, RTP, RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMP (V1, MIBII), ARP, DNS, DDNS

CERTIFICATIONS

Ingress Protection (EN 60529) IP66/ IP67
LVD EN 60950-1:2006 + A11:2009
RoHS 2011/65/EU
WEEE 2012/19/EU

MODELS

SAF168SDTV1/24 Camera station + sunshield + heater; Supply voltage: 24 VAC
SAF168SDTV1/230 Camera station + sunshield + heater; 230 VAC
SAF168WDTV1/24 Camera station + sunshield + heater + wiper; 24 VAC
SAF168WDTV1/230 Camera station + sunshield + heater + wiper; 230 VAC

AVAILABLE OPTIONS:
- Sold separately
- Usable front window diameter for thermal imaging camera 30mm Germanium, AR/IR coating
- Usable front window diameter for day/night cameras 7mm, Vandal resistant glass

MOUNTING ACCESSORIES

SSBK168 Wall mounting bracket with swivel joint for 168 Series
SSPM168 Pole mount adapter for SSBK168

ACCESSORIES AND SPARE PARTS

RX241D Telemetry controller for fixed wash/wiper housings
WB168D Wiper blade (complete assembly)
WBK168D Wiper blade (only spare part; rubber blade and support)
MK168 Maintenance kit with O’ring seals, screws seals, screws, cable glands (2), desiccant bags

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DIMENSIONS

FRONT VIEW

SIDE VIEW

MOUNTING PATTERN

Your authorized TECNOVIDEO distributor:

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