SAF168D SERIES
STAINLESS STEEL FIXED DUAL CAMERA STATION

ASIS316L STAINLESS STEEL CONSTRUCTION
FOR USE IN HIGHLY CORROSIVE 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

TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Dimensions
See drawings next page
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/Pack: 17kg (SAF168DSTV1)
Unit: 16kg/Pack: 18kg (SAF168DWT1)

ELECTRICAL

Thermostatically controlled heater
T(°C) ON: 12 ± 4°C, T(°C) OFF: 20 ± 3°C
Available supply voltages
24V~ / 24VDC, 230V~ (-10%)
Max power consumption
34W

VIDEO/CAMERA (DAY/NIGHT)

Sensor
1/2.7-inch CMOS, 2.03MMP
Compression
H.264 (MP); M-JPEG
Streaming
Multiple configurable streams in H.264 and M-JPEG, configurable frame rate and bandwidth; ROI
Resolution
Full HD (upto 1920x1080@30fps)
Sensitivity
Color: 0.22lux (0.022luc); Mono: 0.03lux (0.0055fc)
Dynamic range
76dB Wide Dynamic Range (92dB with IAE)
Lens
Varifocal SR 3MP lenses; 1/2" sensor; 3.8-13mm; F1.4-F8
Video functions
White balance; AES; backlight 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; M-JPEG-4; M-JPEG
Streaming
Multiple streaming (up to 10 profiles)
Resolution
336x256@7.5/8.9 Hz
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, TCPIP, UDP/IP, RTP/RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMP (V1, MIBII), ARP, DNS, DDNS

CERTIFICATIONS

Ingress Protection (EN 60529)
IP66/6P7
EMC
LVD
EN 60950-1:2006 + A1:2009
RoHS
2011/65/EU
WEEE
2012/19/EU

MODELS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>SAF168DSTV1/24</td>
<td>Camera station + sunshield + heater; Supply voltage: 24VAC</td>
</tr>
<tr>
<td>SAF168DSTV1/230</td>
<td>Camera station + sunshield + heater; 230VAC</td>
</tr>
<tr>
<td>SAF168DWT1/24</td>
<td>Camera station + sunshield + heater + wiper; 24VAC</td>
</tr>
<tr>
<td>SAF168DWT1/230</td>
<td>Camera station + sunshield + heater + wiper; 230VAC</td>
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MOUNTING ACCESSORIES

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>SSBK168</td>
<td>Wall mounting bracket with swivel joint for 168 Series</td>
</tr>
<tr>
<td>SSM168</td>
<td>Pole mount adapter for SSBK168</td>
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ACCESSORIES AND SPARE PARTS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>RX240D</td>
<td>Telemetry controller for fixed wash/wiper housings</td>
</tr>
<tr>
<td>WB168D</td>
<td>Wiper blade (complete assembly)</td>
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<tr>
<td>WBK168D</td>
<td>Wiper blade (only spare part; rubber blade and support)</td>
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<tr>
<td>MK168</td>
<td>Maintenance kit with GFCI seals, screws seals, screws, cable glands (2), desiccant bags</td>
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DIMENSIONS

FRONT VIEW

SIDE VIEW

MOUNTING PATTERN

Dimensions in millimetres – Tolerances according to the manufacturing processes – Design and products specifications subject to change without notice – rev. 20160824