## Aldio Video Supply



### FLIR FB-SERIES

Affordable thermal camera for wide area intrusion

The FLIR FB-Series line of cameras introduces thermal image detail in a bullettype form factor, ideal for wide area intrusion detection. Combined with external video analytics the FB-Series cameras are an ideal choice for sterille-zone monitoring at short-to-medium range distances. Equipped with FLIR's awardwinning thermal technology, FB-Series is designed to deal with challenging environments or bad weather, and can operate in complete darkness.

#### **COMPLETE INTRUSION DETECTION SOLUTION**

Bundling options with other FLIR intrusion detection components

- Coupled with FLIR's TRK Video Analytics encoders, FB-Series cameras feature sophistocated Auto calibration of depth setup, for a simple and reliable configuration. No additional measurement tools are needed, requiring only a single installer on site
- Allows analytics in corridor mode, reducing the number of cameras and improving the total cost of ownership
- Target hand-off to PTZ camera auto-tracking

#### INDUSTRY-LEADING IMAGE QUALITY

Crisp, Clean Imagery for Unmatched Video Analytics Performance & Reliability

- Superior image quality in low-contrast conditions
- FLIR's custom AGCs provide unmatched image contrast
- Dynamic Detail Enhancement (DDE) creates sharp edges and contrast that improve analytics performance

#### EXPANDED SELECTION OF HIGH-PERFORMANCE LENSES

Wide Variety of Lenses for Optimal Detection Ranges in All Conditions

- Choose lenses from 44 degrees (13mm) to 8 (VGA) / 4 (QVGA) degrees (75mm), suitable for any perimeter or open area
- High performance optics deliver crisp, clean thermal video
- Optional deicing for use in the most demanding installations
- High analytic ranges to reduce number of cameras and total cost of ownership (TCO)



The World's Sixth Sense™

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# Specifications UDIOVIDEOSUPPLY

Array Format (NTSC)     □CINCUT SQD 20 X240       Detector Type     □CINCUT SQD 2000000000000000000000000000000000000	Image						
Effective resolution     76,800 pixels       Thermal frame rate     PAL: 25 Hz       Part 25 Hz     PAL: 25 Hz       Press     FB-339-0     93°     F1.3     3.7mm     17um       Optios     FB-339-0     49°     F1.3     3.7mm     17um       Optios     FB-3420.0     49°     F1.3     6.8mm     17um       Spectral Range     FB-312.0     12°     F1.0     18mm     12um       Spectral Range     FB-308.0     9°     F1.0     18mm     12um       Spectral Range     FB-308.0     9°     F1.0     24mm     12um       Spectral Range     Auto, Manuel, Plateau Equalization, Linear, Auto Dynamic Detail Enhancement (DDE)     Thermal AGE Modes     Thermal AGE Modes     240mK       Thermal AGE Modes     Auto-Mareau Flat Field Correction (FFC) - Thermal	Array Format (NTSC)	320 × 240					
Internal frame rate     NTSC: 30 Hz PR2:25 Hz       Model     FOV     F#     Focal Length     Pixel Prich       PB3393O     33°     F1.3     3.7mm     17.0m       Gptics     FB349O     49°     F1.3     6.8mm     17.0m       Spectral Range     FB-312.0     12°     F1.0     18mm     17.0m       Spectral Range     FB-300.0     9°     F1.0     24mm     120mm       Spectral Range     Atternatived, focus.Pree     Samstrive     24mm     120mm       Sensitivity	Detector Type	Long-Life, Uncooled VOx Microbolometer					
Interma intaine rate     PAL:'S hz     FM     Focal Length     Prove Price       PR0: PR0: PR0: PR0: PR0: PR0: PR0: PR0:	Effective resolution	76,800 pixels					
PB383-0     93°     F1.3     3.7mm     17um       PB3340-0     49°     F1.3     6.8mm     17um       PB324-0     24°     F1.0     12.8mm     17um       Spectral Range     170     12.8mm     17um     12um       Spectral Range     -     8.00     9°     F1.0     18mm     12um       Spectral Range     -     Athermalized, focus-free     -     -     50mk     -       Spectral Range     -     -     4thermalized, focus-free     -     50mk     -     -       Spectral Range     -     -     4thermalized, focus-free     -     -     50mk     -     -       Spectral Range     -     -     4thermalized, focus-free     -	Thermal frame rate						
Optics     Instrument     Optics     Instrument     Optics     Instrument     Instrument       Optics     FB349-0     44°     F1-3     6.8mm     17.4mm       FB3212.0     12°     F1.0     12.8mm     17.4mm       Spectral Range		Model	FOV	F#	Focal Length	Pixel Pitch	
Optics     FB-324-0     24°     FL0     12.8mm     17.0m       FB-312.0     12°     F1.0     18 mm     12.0m     12		FB-393-O	93°	F1.3	3.7mm	17um	
Image     Image <th< td=""><td rowspan="4">Optics</td><td>FB-349-0</td><td>49°</td><td>F1.3</td><td>6.8mm</td><td>17um</td></th<>	Optics	FB-349-0	49°	F1.3	6.8mm	17um	
FB-309 O     9°     F1.0     24mm     12mm       Spectral Range     8 µm to 14 µm                   Spectral Range        Spectral Range       Spectral Range       Spectral Range      Spectral Range      Spectral Range      Spectral Range      Spectral Range      Spectral Range     Spectra Range <td>FB-324-0</td> <td>24°</td> <td>F1.0</td> <td>12.8mm</td> <td>17um</td>		FB-324-0	24°	F1.0	12.8mm	17um	
Spectral Range     8 µm to 14 µm       Focus Range     Athermalized, focus-free       Sensitivity     -c50m K       Thermal AGC Modes     Auto, Manual, Plateau Equalization, Linear, Auto Dynamic Detail Enhancement (DDE)       Thermal AGC Region of Interest (KOI)     Default, Presets and User Defined for optimal image quality of subjects of interest       United United State     Automatic Flat Field Correction (FFC) - Thermal and Temporal triggers       Video     Automatic Flat Field Correction (FFC) - Thermal and Temporal triggers       Composite Video (NTSC or PAL)     Hybrid system with IP & analog video       Digital Video Compression     Two independent channels of H.264 and MJ.PEG       Streaming Resolution PAL/ NTSC     D1: 720x576 / 720x480, 4CIF: 704x576 / 704x480, VGA: 640x480, CIF: 352x288 / 352x240, OVGA: 320x240       Network     External Analytics Compatible     Yes       External Analytics Compatible     IPV4, HTTP, Bonjour, UPP, DNS, NTP, RTCP, TCP, UDP, ICVP, IGMP, DHCP, ARP, SCP, RTP/RTSP       Network APIs     IPv4, HTTP, Bonjour, UPP, DNS, NTP, RTCP, TCP, UDP, ICVP, IGMP, DHCP, ARP, SCP, RTP/RTSP       Network APIs     Nexus SDK for comprehensive system control and integration; Nexus CGI for http: command internaces; ONVIF Profile S       General     285 x 96 x 94 mm TL1* x 3 8* x 3.7*       Directacts (//O) <td< td=""><td>FB-312 O</td><td>12°</td><td>F1.0</td><td>18mm</td><td>12um</td></td<>		FB-312 O	12°	F1.0	18mm	12um	
Focus Range   Athermalized, focus-free     Sensitivity		FB-309 O	9°	F1.0	24mm	12um	
Sensitivity     <60mK       Thermal AGC Modes     Auto, Manual, Plateau Equalization, Linear, Auto Dynamic Detail Enhancement (DDE)       Thermal AGC Region of Interest     Default, Presets and User Defined for optimal image quality of subjects of interest       Image Uniformity Optimization     Automatic Flat Field Correction (FFC) - Thermal and Temporal triggers       Video     Two independent channels of H.264 and MJPEG       Streaming Resolution PAL/ NTSC     D1: 720x576 / 720x480 , 4CIF: 704x576 / 704x480 , VGA: 640x480, CIF: 352x288 / 352x240, QVGA: 320x240       Network     D1: 720x576 / 720x480 , 4CIF: 704x576 / 704x480 , VGA: 640x480, CIF: 352x288 / 352x240, QVGA: 320x240       Network     D1: 720x576 / 720x480 , 4CIF: 704x576 / 704x480 , VGA: 640x480, CIF: 352x288 / 352x240, QVGA: 320x240       Network     D1: 720x576 / 720x480 , 4CIF: 704x576 / 704x480 , VGA: 640x480, CIF: 352x288 / 352x240, QVGA: 320x240       Network     D1: 720x576 / 720x480 , 4CIF: 704x576 / 704x480 , VGA: 640x480, CIF: 352x288 / 352x240, QVGA: 320x240       Network     D1: 720x576 / 720x480 , 4CIF: 704x576 / 704x480 , VGA: 640x480, CIF: 352x288 / 352x240, QVGA: 320x240       Network     Power Compositive       Vetwork     INVex Intermative compatible       Power Consumption     Input: 1 relay contact Output: 1 relay contact, 30 VDC at 2A or 125 VAC at 0.5A max connection terminal block       Internal storage	Spectral Range		8 µm to 14 µm	1			
Thermal AGC Modes     Auto, Manual, Plateau Equalization, Linear, Auto Dynamic Detail Enhancement (DDE)       Thermal AGC Region of Interest (RO)     Default, Presets and User Defined for optimal image quality of subjects of interest       Image Uniformity Optimization     Automatic Flat Field Correction (FFC) - Thermal and Temporal triggers       Video        Composite Video (NTSC or PAL)     Hybrid system with IP & analog video       Digital Video Compression     Two independent channels of H.264 and MJPEG       Streaming Resolution PAL/ NTSC     D1: 720x576 / 720x480 , 4CIF: 704x576 / 704x480 , VGA: 640x480, CIF: 352x288 / 352x240, QVGA: 320x240       Network     10/100 Mbps       External Analytics Compatible     Yes       Network Protocols     IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP (CMP, IGMP, DHCP, ARP, SCP, RTP/RTSP       Network APIs     Nexus CGI for http command internaces; ONVIF Profile S       General     285 x 96 x 94 mm, 1, 47 x 3.8" x 3.7"       Dirmensions (L, W, H)     Users of add stress of a stress	Focus Range	Athermalized, focus-free					
Thermal AGC Region of Interest (RO)     Default, Presets and User Defined for optimal image quality of subjects of interest (RO)       Image Uniformity Optimization     Automatic Flat Field Correction (FFC) - Thermal and Temporal triggers       Video     Hybrid system with IP & analog video       Digital Video Compression     Two independent channels of H.264 and MJPEG       Streaming Resolution PAL/ NTSC     D1: 720x576 / 720x480 , 4CIF: 704x576 / 704x480 , VGA: 640x480 , CIF: 352x288 / 352x240, OVGA: 320x240       Network     Ethernet     10/100 Mbps       External Analytics Compatible     Yes       Network Protocols     IPV4, HTTP, Bonjour, UPNP, DNS, NTP, RTCP, TCP, UDP, UNP, IGMP, DHCP, ARP, SCP, RTP/RTSP       Network APIs     Nexus SCK for comprehensive system control and integration; Nexus CGI for http command interaces; ONVIF Profile S       General     285 x 96 x 94 mm (m1" x 3.8" x 3.7"       Dirensions (L, W, H)     Lead contact Output: 1 relay contact, 30 VDC at 2A or 125 VAC at 0.5A max connection terminal block       Internal storage     SD Card - SDX C32 GB       Input Voltage     12 VDC 24 VAC PoE       Power Consumption     12 VDC 24 VAC PoE       V2/VC 13 W Imaximum with heaters) PoE: 13 W       PARting (Dust & Water Ingress)     IP66 Operating Temperature Range       Operating Temperature Range	Sensitivity	<50mK					
(HO)     C     Default, Presets and User Defined for optimal image quality of subjects of interest       Image Uniformity Optimization     Automatic Flat Field Correction (FFC) - Thermal and Temporal triggers       Video     Tomposite Video (NTSC or PAL)     Hybrid system with IP & analog video       Digital Video Compression     Two independent channels of H.264 and MJPEG       Streaming Resolution PAL/ NTSC     D1: 720x576 / 720x480 , 4CIF: 704x576 / 704x480 , VGA: 640x480, CIF: 352x288 / 352x240, QVGA: 320x240       Network     Network       Ethernet     10/100 Mbps       External Analytics Compatible     Yes       Network Protocols     IPV4, HTTP, Bonjour, UPNP, DNS, NTP, RTCF TCP, UDP (ICMP, IGMP, DHCP, ARP, SCP, RTP/RTSP       Network APIs     Nexus SDK for comprehensive system control and integration; Nexus CGI for http command integration; Nexus CGI for http command integration; Nexus CGI for http contacts (I/O)       Input: 1 relay contact Output: 1 relay contact, 30 VDe at 2A or 125 VAC at 0.5A max connection terminal block       Internal storage     12 VDC 24/VAC PoE       Power Consumption     24/VAC PoE       Power Consumption     24/VAC PoE       Poeting Temperature Range     -40°C to 50°C Cold Start       Storage Temperature Range     -40°C to 50°C Cold Start       Storage Temperature R	Thermal AGC Modes	Auto, Manual, Plateau Equalization, Linear, Auto Dynamic Detail Enhancement (DDE)					
Video     Hybrid system with IP & analog video       Composite Video (NTSC or PAL)     Hybrid system with IP & analog video       Digital Video Compression     Two independent channels of H.264 and MJPEG       Streaming Resolution PAL/ NTSC     D1: 720x576 / 720x480 , 4CIF: 704x576 / 704x480 , VGA: 640x480, CIF: 352x288 / 352x240, 0VGA: 320x240       Network     10/100 Mbps       External Analytics Compatible     Yes       Network Protocols     IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, ARP, SCP, RTP/RTSP       Network APIs     Nexus SDK for comprehensive system control and integration; Nexus CGI for http command interaces; ONVIF Profile S       General     285 x 96 x 94 mm (Tri, Y a.3" x 3." x 3.""       Dimensions (L, W, H)     With sunshield and fully, extended mounting arm       Dry Contacts (I/O)     Input: 1 relay contact Output: 1 relay contact, 30 VDC at 2A or 125 VAC at 0.5A max connection terminal block       Internal storage     12 VDC 24VAC PoE       Power Consumption     24/AC 13 VM (maximum with heaters) 24/AC 13 VM (maximum with heaters) 24/AC 13 W (maximum with heaters) PoE: 13 W       Environmental     IP66       Operating Temperature Range     -40°C to 50°C Cold Start       Storage Temperature Range     -40°C to 50°C Cold Start       Storage Temperature Range		Default, Presets and User Defined for optimal image quality of subjects of interest					
Composite Video (NTSC or PAL)Hybrid system with IP & analog videoDigital Video CompressionTwo independent channels of H.264 and MJPEGStreaming Resolution PAL/ NTSCD1: 720x576 / 720x480 , 4CIF: 704x576 / 704x480 , VGA: 640x480, CIF: 352x288 / 352x240, QVGA: 320x240NetworkEternalEthernet10/100 MbpsExternal Analytics CompatibleYesNetwork ProtocolsIPV4, HTTP, Bonjour, UPNP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, ARP, SCP, RTP/RTSPNetwork APIsNexus SDK for comprehensive system control and integration; Nexus CGI for http command interfaces; ONVIF Profile SCeneral285 x 96 x 94 mm; n1" x 3.8" x 3.7" With sunshield and fully, extended mounting armDry Contacts (I/O)Input: 1 relay contact Output: 1 relay contact, 30 VDC at 2A or 125 VAC at 0.5A max connection terminal blockInternal storageSD Card - SDXC 32 GBPower Consumption12 VDC 24'VAC PecPower Consumption12 VDC: 13 W (maximum with heaters) 24'VAC: 13 VA (maximum with heaters) 24'VAC: 13 VA (maximum with heaters) 24'VAC: 13 W (maximum with heaters) 24'VAC: 13 WEnternal Diversional Storage Temperature Range-40°C to 50°C Cold StartSto	Image Uniformity Optimization	Automatic Flat Field Correction (FFC) - Thermal and Temporal triggers					
Digital Video Compression   Two independent channels of H.264 and MJPEG     Streaming Resolution PAL/ NTSC   D1: 720x576 / 720x480 , 4CIF: 704x576 / 704x480 , VGA: 640x480, CIF: 352x288 / 352x240, QVGA: 320x240     Network   10/100 Mbps     Ethernet   10/100 Mbps     External Analytics Compatible   Yes     Network Protocols   IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, UDP, IGMP, DHCP, ARP, SCP, RTP/RTSP     Network APIs   Nexus CGI for http command integration; Nexus CGI for http command i	Video						
Streaming Resolution PAL/ NTSC   D1: 720x576 / 720x480 , 4CIF: 704x576 / 704x480 , VGA: 640x480, CIF: 352x288 / 352x240, QVGA: 320x240     Network   10/100 Mbps     Ethernet   10/100 Mbps     External Analytics Compatible   Yes     Network Protocols   IPV4, HTTP, Bonjour, UPNP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, ARP, SCP, RTP/RTSP     Network APIs   Nexus SDK for comprehensive system control and integration; Nexus CGI for thip command interfaces; ONVIF Profile S     General   285 x 96 x 94 mm (r.f)" x 3.8" x 3.7"     Dimensions (L, W, H)   285 x 96 x 94 mm (r.f)" x 3.8" x 3.7"     Diver Contacts (I/O)   Input: 1 relay contact Output: 1 relay contact, 30 VDC at 2A or 125 VAC at 0.5A max connection terminal block     Internal storage   SD Card - SDXC 32 GB     Input Voltage   12 VDC 24/VAC 13 VA (maximum with heaters) 24/VAC 13 W (maximum with heaters) 26/VDC 13 W (maximum with heaters)     PoE   10     IP Rating (Dust & Water Ingress)   IP66     Operating Temperature Range <td>Composite Video (NTSC or PAL)</td> <td colspan="5">Hybrid system with IP &amp; analog video</td>	Composite Video (NTSC or PAL)	Hybrid system with IP & analog video					
NTSC   D1: 720x5/6 / 720x480, 4CIE: 704x5/6 / 704x480, VGA: 640x480, CIE: 352x288 / 352x240, OVGA: 320x240     Network   Ethernet   10/100 Mbps     External Analytics Compatible   Yes     Network Protocols   IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, ARP, SCP, RTP/RTSP     Network APIs   Nexus SDK for comprehensive system control and integration; Nexus CGI for http command interaces; ONVIF Profile S     General   285 x 96 x 94 mm/m10, * x 38* x 3.7*     Dimensions (L, W, H)   285 x 96 x 94 mm/m10, * x 38* x 3.7*     Dimensions (L, W, H)   285 x 96 x 94 mm/m10, * x 38* x 3.7*     Dimensions (L, W, H)   10put: 1 relay contact Output: 1 relay contact, 30 VDC at 2A or 125 VAC at 0.5A max connection terminal block     Internal storage   SD Card - SDXC 32 GB     Input Voltage   12 VDC 2VAC 2VAC 2VAC 2VAC 2VAC 2VAC 2VAC 2VA	Digital Video Compression	Two independent channels of H.264 and MJPEG					
Ethermet10/100 MbpsExternal Analytics CompatibleYesNetwork ProtocolsIPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, IGMP, IGMP, DHCP, ARP, SCP, RTP/RTSPNetwork APIsNexus SDK for comprehensive system control and integration; Nexus SCB for http command interraces; ONVIF Profile SGeneralDimensions (L, W, H)285 x 96 x 94 mm (rr,1 'x 3.8" x 3.7" With sunshield and fully, extended mounting armDry Contacts (I/O)Input: 1 relay contact Output: 1 relay contact, 30 VDC at 2A or 125 VAC at 0.5A max connection terminal blockInternal storageSD Card - SDXC 32 GBInput Voltage12 VDC 24VAC PoEPower Consumption12 VDC: 17 W (maximum with heaters) 24/VAC : 13 VA (maximum with heaters) 24/VDC : 13 W (maximum with heaters) PoE: 13 WProtomentalIP66Operating Temperature Range-40°C to 50°C Cold StartStorage Temperature Range-20°C to 70°CHumidity10%-90% relative humidityDe-FoggingYes		D1: 720x576 / 720x480 , 4CIF: 704x576 / 704x480 , VGA: 640x480, CIF: 352x288 / 352x240, QVGA: 320x240					
External Analytics Compatible     Yes       Network Protocols     IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, ARP, SCP, RTP/RTSP       Network APIs     Nexus SDK for comprehensive system control and integration; Nexus CGI for http command interraces; ONVIF Profile S       General     285 x 96 x 94 mm (n.11 x 3.8" x 3.7" With sunshield and fully, extended mounting arm       Dry Contacts (I/O)     Input: 1 relay contact Output: 1 relay contact, 30 VDC at 2A or 125 VAC at 0.5A max connection terminal block       Internal storage     SD Card - SDXC 32 GB       Input Voltage     12 VDC 24VAC PoE       Power Consumption     24/AC 13 V4 (maximum with heaters) 24/AC 13 V4 (maximum with heaters) PoE: 13 W       Environmental     IP66       Operating Temperature Range     -40°C to 50°C Cold Start       Storage Temperature Range     -20°C to 70°C       Humidity     10%-90% relative humidity	Network						
Network Protocols     IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP rCWP, IGMP, DHCP, ARP, SCP, RTP/RTSP       Network APIs     Nexus SDK for comprehensive system control and integration; Nexus CGI for http command interraces, ONVIF Profile S       General     285 x 96 x 94 mm [Tr]" x 3.8" x 3.7"       Dimensions (L, W, H)     285 x 96 x 94 mm [Tr]" x 3.8" x 3.7"       Dry Contacts (I/O)     Input: 1 relay contact Output: 1 relay contact, 30 VDC at 2A or 125 VAC at 0.5A max connection terminal block       Internal storage     12 VDC 24VAC PoE       Power Consumption     24 YAC       Power Consumption     24 YAC       Power Consumption     24 YAC       PoE     12 V/OC       IPR Rating (Dust & Water Ingress)     IPG6       Operating Temperature Range     -40°C to 50°C Cold Start       Storage Temperature Range     -20°C to 70°C       Humidity     10%-90% relative humidity       De-Fogging     Yes	Ethernet	10/100 Mbps					
Network APIs     Nexus SDK for comprehensive system control and integration; Nexus CGI for http command interraces; ONVIF Profile S       General     285 x 96 x 94 mm (m11" x 3.8" x 3.7" With sunshield and fully extended mounting arm       Dimensions (L, W, H)     285 x 96 x 94 mm (m11" x 3.8" x 3.7" With sunshield and fully extended mounting arm       Dry Contacts (I/O)     Input: 1 relay contact Output: 1 relay contact, 30 VDC at 2A or 125 VAC at 0.5A max connection terminal block       Internal storage     SD Card - SDXC 32 GB       Input Voltage     12 VDC 24VAC PoE       Power Consumption     24 VAC : 13 VA (maximum with heaters) 24 VAC : 13 VA (maximum with heaters) PoE: 13 W       Environmental     IP66       Operating Temperature Range     -40°C to 50°C Cold Start       Storage Temperature Range     -20°C to 70°C       Humidity     10%-90% relative humidity       De-Fogging     Yes	External Analytics Compatible						
Network APIs     Nexus CGI for http command interfaces; ONVIF Profile S       General     285 x 96 x 94 mm 'r 1' x 3.8" x 3.7"       Dimensions (L, W, H)     285 x 96 x 94 mm 'r 1' x 3.8" x 3.7"       Dry Contacts (I/O)     Input: 1 relay contact Output: 1 relay contact, 30 VDC at 2A or 125 VAC at 0.5A max connection terminal block       Internal storage     SD Card - SDXC 32 GB       Input Voltage     12 VDC 24VAC PoE       Power Consumption     22 VDC 24/AC : 13 VA (maximum with heaters) 24'VAC : 13 VA (maximum with heaters) 24'VAC : 13 VA (maximum with heaters) 24'VAC : 13 Wa (maximum with heaters) <td>Network Protocols</td> <td colspan="5">IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, ARP, SCP, RTP/RTSP</td>	Network Protocols	IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, ARP, SCP, RTP/RTSP					
Dimensions (L, W, H)285 x 96 x 94 mm 'n1' x 3.8" x 3.7" With sunshield and fully, extended mounting armDry Contacts (I/O)Input: 1 relay contact Output: 1 relay contact, 30 VDC at 2A or 125 VAC at 0.5A max connection terminal blockInternal storageSD Card - SDXC 32 GBInput Voltage12 VDC 24/AC PoEPower Consumption12 VOC: 17 W (maximum with heaters) 24/AC 13 VA (maximum with heaters) 24/AC 13 W (maximum with heaters) PoE: 13 WEnvironmentalIP66Inparting (Dust & Water Ingress)IP66Operating Temperature Range-40°C to 50°C Cold StartStorage Temperature Range-20°C to 70°CHumidity06-FoggingYes	Network APIs						
Dimensions (L, W, H)With sunshield and fully extended mounting armDry Contacts (I/O)Input: 1 relay contact Output: 1 relay contact, 30 VDC a: 2A or 125 VAC at 0.5A max connection terminal blockInternal storageSD Card - SDXC 32 GBInput Voltage12 VDC 24VAC PoEPower Consumption212 VDC: 17 W (maximum with heaters) 24'VAC : 13 VA (maximum with heaters) 22'VDC : 13 W (maximum with heaters) PoE: 13 WIP Rating (Dust & Water Ingress)10 ConsumptionPrating (Dust & Water Ingress)10 ConsumptionPorting Temperature Range-40°C to 50°C Cold StartStorage Temperature Range-20°C to 70°CHumidity10%-90% relative humidityDe-FoggingYes	General						
Internal storageSD Card - SDXC 32 GBInput Voltage12 VDC 24VAC PoEPower Consumption12 voc: 17 W (maximum with heaters) 24/AC : 13 VA (maximum with heaters) 24/AC : 13 VA (maximum with heaters) 24/AC : 13 W (maximum with heaters) PoE: 13 WEnvironmentalIP Rating (Dust & Water Ingress)IP Rating (Dust & Water Ingress)IP66Operating Temperature Range-40°C to 50°C Cold StartStorage Temperature Range-20°C to 70°CHumidityI0%-90% relative humidityDe-FoggingYes	Dimensions (L, W, H)						
Input Voltage12 VDC 24VAC PoEPower Consumption12 VOC: 17 W (maximum with heaters) 24VAC : 13 VA (maximum with heaters) 22VDC : 13 W (maximum with heaters) PoE: 13 WIP Rating (Dust & Water Ingress)IP66Operating Temperature Range-40°C to 50°C Cold StartStorage Temperature Range-20°C to 70°CHumidity10%-90% relative humidityDe-FoggingYes	Dry Contacts (I/O)	Input: 1 relay contact Output: 1 relay contact, 30 VDC at 2A or 125 VAC at 0.5A max connection terminal block					
Input Voltage24VAC PoEPower Consumption12 VoC: 17 W (maximum with heaters) 24 VAC: 13 VA (maximum with heaters) 24 VAC: 13 VA (maximum with heaters) 24 VDC: 13 W (maximum with heaters) PoE: 13 WEnvironmentalIP Rating (Dust & Water Ingress)IP Rating (Dust & Water Ingress)IP66Operating Temperature Range-40°C to 50°C Cold StartStorage Temperature Range-20°C to 70°CHumidity10%-90% relative humidityDe-FoggingYes	Internal storage	SD Card - SDXC 32 GB					
Power Consumption24'/AC : 13 VA (maximum with heaters) 24'VDC : 13 W (maximum with heaters) PoE: 13 WEnvironmentalIP Rating (Dust & Water Ingress)IP66Operating Temperature Range-40°C to 50°C Cold StartStorage Temperature Range-20°C to 70°CHumidity10%-90% relative humidityDe-FoggingYes	Input Voltage	24VAC					
IP Rating (Dust & Water Ingress) IP66   Operating Temperature Range -40°C to 50°C Cold Start   Storage Temperature Range -20°C to 70°C   Humidity 0   De-Fogging Yes	Power Consumption	24 <sup>V</sup> /AC : 13 VA (maximum with heaters) 22VDC : 13 W (maximum with heaters)					
IP Rating (Dust & Water Ingress) IP66   Operating Temperature Range -40°C to 50°C Cold Start   Storage Temperature Range -20°C to 70°C   Humidity 0   De-Fogging Yes	Environmental						
Storage Temperature Range -20°C to 70°C   Humidity 10%-90% relative humidity   De-Fogging Yes			IP66				
Humidity 10%-90% relative humidity   De-Fogging Yes	Operating Temperature Range		-40°C to 50°C Cold Start				
De-Fogging Yes	Storage Temperature Range		-20°C to 70°C				
	Humidity		10%-90% relative humidity				
	De-Fogging		Yes				
		UL, FCC Part 15 (Subpart B) (	UL, FCC Part 15 (Subpart B, Class A), CE marked, EN55032-1998 class A, EN55024, RoHS, WEEE				

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