

FLIR FC-SERIES D Thermal Security Camera

The FLIR FC-Series O camera provides best-in-class thermal video for superior perimeter protection systems. The FC-Series O's wide range of high-performance lenses and resolutions gives system designers greater flexibility to create a system tailored to specific site conditions. The FC-Series O is also ideal for third party video analytics

FLEXIBLE SYSTEM DESIGN

Plug and play integration with third party systems

- Fully integrated and certified to work with 3rd party video management systems
- Supports open standard, ONVIF-conformant
- Advanced integration features, such as thermal configuration and alarm management, with FLIR's United VMS

INDUSTRY-LEADING IMAGE QUALITY

Crisp, Clean Imagery for Unmatched Video Analytics Performance & Reliability

- Superior image quality in extreme environments
- Custom AGCs provide unmatched image contrast
- Digital Detail Enhancement (DDE) produces sharp edges that improve performance of analytics

HIGH-PERFORMANCE LENSES

Wide Selection of Lenses for Optimal Detection in All Conditions

- Choose from 17 high performance lenses suitable for any perimeter or open area, including QVGA from 4° to 69° fields of view and VGA from 8° to 90° fields of view
- High-performance optics deliver crisp, clean thermal video
- High analytic ranges reduce number of cameras and total cost of ownership (TCO)



FC-Series O at noon



FC-Series O at dusk



www.flir.com

Specifications

| Model FC-3XX O FC-6XX O Array Format 320 × 240 640 × 480 Detector Type Long-Life, Uncooled VOX Microbolometer Spectral Range 7.5 μm to 13.5 μm Effective Resolution 76800 Pixel Pitch Effective 34 μm (FC-344,332&369) 17 μm (all other models) 17 μm Thermal Frame Rate NTSC: 30 Hz - PAL: 25 Hz / 8.3 Hz 7600 Optical Characteristics Model FOV F#, Focal Length FC-369 O 69° × 56° f/1.4, 9 mm FC-669 O 69° × 56° FC-344 O 44° × 36° f/1.0, 13 mm FC-669 O 69° × 56° f/1.4, 9 mm | Thermal Camera Sp | ecs | | | | | | |
|--|-------------------------|--|--------------------------------|---|----------------|--------------------------------|--------------------|--|
| Array Format 320 x 240 640 x 480 Detector Type Long-Life, Uncoolemater 307200 Spectral Range 7.5 µm to 13.5 µm 307200 Preal Pitch Effective Resolution 7.6 µm to 13.5 µm 17 µm Phasel Pitch Effective Ray um (FC-244.3282.669) 17 µm 17 µm Optical Characteristics Model FOV FF, Focal Length Model FOV FC-340.0 58° x 56° V/1.0, 13 mm FC-684.0 48° x 36° V/1.2, 75 mm FC-341.0 17 × 10° V/1.0, 13 mm FC-6826.0 28° x 66° V/1.1, 25 mm FC-610.0 10° x 1.2° V/1.1, 25 mm FC-304.0 2.8° x 4.1° V/1.2, 5 mm FC-810.0 10° x 1.2° V/1.1, 25 mm FC-304.0 2.8° x 4.1° V/1.2, 5 mm FC-810.0 10° x 1.2° V/1.1, 25 mm FC-304.0 4.3° x 3.3° V/1.1, 25 mm FC-810.0 10° x 4.2° V/1.1, 25 mm FC-304.0 9.2° x 0.0° V/1.1, 25 mm FC-810.0 10° x 4.2° V/1.1, 25 mm FC-304.0 | | | FC-3XX | 0 | | FC-6XX O | | |
| Detector Type Long-Life, Uncooled V0x Microbolometer 7.5 µm to 13.5 µm 7.5 µm to 13.5 µm Effective Resolution Ffectore 34 µm (FG 244, 3328, 366) 17 µm Optical Characteristics Model FFG. 2000 17 µm From Rete Model FW 2000 FW 2000 907 x 68° PC-3840 647 x 58° I/1.4, 9 mm FC-6840 144 x 38° FC-3320 327 x 28° I/1.0, 18 mm FC-6840 144 x 38° FC-3310 137 x 13° I/1.0, 18 mm FC-6420 147 x 38° FC-3170 177 x 13° I/1.0, 18 mm FC-6120 157 x 20° FC-3090 9.27 x 70° I/1.1, 38 mm FC-6120 167 x 48° FC-3090 9.27 x 70° I/1.1, 38 mm FC-6120 167 x 48° FC-3040 4.3 x 3.3° I/1.1, 78 mm FC-6120 167 x 48° FC-3040 4.3 x 3.3° I/1.1, 78 mm FC-6120 167 x 48° FC-3040 4.3 x 3.3° I/1.1, 78 mm FC-6140 167 x 48° FC-3040 4.3 x 3.3°< | | | | | | | | |
| Spectral Plange 7.5 µm to 13.5 µm Effective Resolution 76800 307200 Pixel Pitch Effective Resolution 17 µm (all other models) 17 µm Thermal Frame Rate Model FW, Focal Length FW (3.32) FW, Focal Length Control Characteristics Model FO W14, 9 mm FV-6690 0 90° x 68° (f) 1, 9 mm FC-324 0 24 × 18° (f) 1, 0 13 mm FV-6690 0 92° x 26° (f) 1, 9 mm FV-632 0 22° x 20° (f) 1, 9 mm FV-632 0 22° x 20° (f) 1, 35 mm FV-610 0 17° x 14° (f) 1, 35 mm FC-310 0 13° x 10° (f) 1, 125 mm FC-610 0 16° x 6.6° (f) 1, 75 mm FC-304 0 4.3° x 13° (f) 1, 75 mm FC-608 0 8.6° x 6.6° (f) 1, 75 mm FC-305 0 5.4° x 4.1° (f) 1, 25 mm FC-608 0 8.6° x 6.6° (f) 1, 75 mm FC-306 0 9.3° x 13° (f) 1, 25 mm FC-608 0 8.6° x 6.6° (f) 1, 75 mm FC-306 0 5.4° x 4.1° (f) 1, 25 mm FC-610 0 <t< td=""><td></td><td>1</td><td></td><td></td><td>VOx Microl</td><td></td><td></td></t<> | | 1 | | | VOx Microl | | | |
| Effective Resolution 76800 307200 Pixel Pitch Effective 34 µm (FC-344.328 à 68) 17 µm Ty um (all other models) NTSC: 30 Hz - PAL: 25 Hz /8.3 Hz 7 Optical Characteristics FC-380 0 69° x 56° f/1.4.9 mm FC-384.0 44° x 36° f/1.4.9 mm FC-680 0 60° x 56° FC-334.0 24° x 18° f/1.0.13 mm FC-680 0 60° x 56° FC-332.0 22° x 26° f/1.0.13 mm FC-680 0 60° x 56° FC-332.0 22° x 70° f/1.1.25 mm FC-610 0 17° x 14° FC-305 0 5.4° x 4.1° f/1.1.25 mm FC-610 0 17° x 14° FC-304 0 4.3° x 3.3° f/1.1.75 mm FC-610 0 17° x 14° FC-304 0 4.3° x 3.3° f/1.1.75 mm FC-610 0 17° x 14° FC-304 0 4.3° x 3.3° f/1.1.75 mm FC-610 0 17° x 14° FO-000 FC-610 0 10° x 8.2° f/1.1.75 mm FC-304 0 4.3° x 3.3° f/1.1.75 mm FC-610 0 10° x 8.2° FC-3 | | 1 | LO | | | | | |
| Pixel Pritch Effective 34 µm (FC-344,328,328,369) 17 µm (all other models) Thermal Frame Rate NTSC: 30 Hz - PAL: 25 Hz / 8.3 Hz FG-680 0 FGV FFF, Focal Length Model FGV FFFF, Focal Length Model FGV FFFFFFFFF FGV FFFFFFFFFFF FGV FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF | | | | | | | | |
| 17. µm (all other models) 17. µm (all other models) Diptical Characteristics Model FOV FK focal Length Model FC-380 69 × 56° ff (1, 2, 75 mm) FC-3810 23 × 26° ff (1, 0, 13 mm) FC-6690 69 × 56° ff (1, 2, 75 mm) FC-3320 23 × 26° ff (1, 0, 13 mm) FC-6640 69 × 56° ff (1, 2, 75 mm) FC-3310 13 × 10° ff (1, 0, 13 mm) FC-6620 23 × 26° ff (1, 1, 35 mm) FC-3310 13 × 10° ff (1, 0, 13 mm) FC-6250 25 × 20° ff (1, 2, 75 mm) FC-3100 17 × 13° ff (1, 0, 13 mm) FC-6250 25 × 20° ff (1, 2, 75 mm) FC-3040 4.3° × 3.3° ff (1, 1, 75 mm) FC-6100 10° × 8.2° ff (1, 7, 75 mm) E-Zoom FC-3040 4.3° × 3.3° ff (1, 1, 75 mm) FC-6100 10° × 8.2° ff (1, 7, 75 mm) E-Zoom Athermalized, focus-free Som FC-3100 FC-3100 FC-3100 FC-3100 FC-3100 FC-3100 FC-3100 FC-3100 FC-3100 FC-3 | | | | | | | | |
| Thermal Frame Rate NTSC: 30 Hz - PAL: 25 Hz / 8.3 Hz Optical Characteristics Kodel FGV FF, Focal Length Model FGV FF, Focal Length Model FGV Coptical Characteristics Kodel FGV FF, Focal Length Model FGV FGV FGV FF, Focal Length Model FGV FGV FF, Focal Length Model FGV FGV FF, Focal Length Model FGV | FIXEI PITCH | | | | | 1/μm | | |
| Optical Characteristics Model FC 380 0 Fey Set FF coal Length Model Model FC 344 0 FOV FF coal Length FOUL FF coal Length FOUL FF coal Length FOUL FF coal Length FOUL FF coal Length FF coal Length FOUL FF coal Length FF coal Length | | | | | | | | |
| FC-389 O 69" × 56" fl/1.4, 9 mm FC-690 O 90" × 69" fl/1.4, 9 mm FC-332 O 32" × 26" fl/1.0, 19 mm FC-644 O 44" × 36" fl/1.0, 13 mm FC-332 O 32" × 26" fl/1.0, 19 mm FC-632 O 32" × 20" fl/1.25 mm FC-310 O 17" × 13" fl/1.1, 35 mm FC-610 O 17" × 14" fl/1.35 mm FC-305 O 5.4" × 4.1" fl/1.25 mm FC-610 O 10" × 8.2" fl/1.35 mm FC-304 O 4.3" × 3.3" fl/1.75 mm FC-610 O 10" × 8.2" fl/1.25 mm FC-305 O 5.4" × 4.1" fl/1.75 mm FC-610 O 10" × 8.2" fl/1.75 mm FC-304 O 4.3" × 3.3" fl/1.75 mm FC-610 O 10" × 8.2" fl/1.75 mm FC-305 O 5.4" × 4.1" fl/1.25 mm FC-610 O 10" × 8.2" fl/1.1, 75 mm F2.30m S0mtK for F# 1.0 optics fl/1.75 mm FC-610 O 10" × 1.4" max Video Tomperssion Two independent channels of H.264 (Restricted VBR and CBR,10kbps-4Mbps, MPE64, and MP | | | | | | | | |
| FC-344 O 44* × 36° fr1,0,13 mm FC-662 O 69° × 66° fr1,4,13 mm FC-324 O 24* × 18° fr1,0,13 mm FC-632 O 32* × 26° fr1,1,13 mm FC-317 O 17* × 13° fr1,1, 25 mm FC-617 O 17* × 13° fr1,1, 35 mm FC-309 O 9.2* × 7.0° fr1,1, 35 mm FC-610 O 10* × 8.2° fr1,1, 55 mm FC-304 O 4.3* × 3.3° fr1,1, 75 mm FC-610 O 10* × 8.2° fr1,2,56 nm FC-304 O 4.3* × 3.3° fr1,1, 75 mm FC-610 O 10* × 8.2° fr1,2,56 nm FC-304 O 4.3* × 3.3° fr1,1, 75 mm FC-610 O 10* × 8.2° fr1,1, 75 mm E-Zoom Athermalized, focus-free Sensitivity <35mK for F# 1.0 optics | Optical Characteristics | | | | | | F#, Focal Lengt | |
| FC-332 O 12* × 26° f/1.0, 19 mm FC-642 O 44° × 36° f/1.0, 13 mm FC-317 O 17* × 13° f/1.0, 19 mm FC-632 O 22* × 20° f/1.1, 15 mm FC-305 O 5.4° × 1.9° f/1.1, 25 mm FC-617 O 17* × 14° f/1.1, 35 mm FC-305 O 5.4° × 1.9° f/1.1, 75 mm FC-610 O 10° × 8.2° f/1.1, 75 mm FC-304 O 4.3° × 33° f/1.1, 75 mm FC-610 O 10° × 8.2° f/1.1, 75 mm FC-304 O 4.3° × 33° f/1.1, 75 mm FC-610 O 10° × 8.2° f/1.1, 75 mm FC-304 O 4.3° × 33° f/1.1, 75 mm FC-610 O 10° × 8.2° f/1.1, 75 mm FC-304 O 4.3° × 33° f/1.1, 75 mm FC-610 O 10° × 8.2° f/1.1, 75 mm FC-304 O 4.3° × 33° f/1.1, 75 mm FC-610 O 10° × 8.2° f/1.1, 75 mm FC-304 O 4.3° × 33° f/1.1, 75 mm FC-610 O 10° × 8.2° f/1.1, 75 mm FC-304 O Direatity <35mK for F# 1.0 optics | | FC-369 O | $69^{\circ} \times 56^{\circ}$ | f/1.4, 9 mm | FC-690 O | $90^{\circ} \times 69^{\circ}$ | | |
| $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | | FC-344 O | $44^{\circ} \times 36^{\circ}$ | f/1.0, 13 mm | FC-669 O | $69^{\circ} \times 56^{\circ}$ | f/1.4, 9 mm | |
| FC-317 O 17* x13° fr1.0, 19 mm FC-250 O 25* x20° fr1.1, 25 mm FC-309 O 9.2° x 7.0° fr1.1, 25 mm FC-610 O 10° x 8.2° fr1.1, 35 mm FC-300 O 5.4" x 4.1° fr1.25, 60 mm FC-610 O 10° x 8.2° fr1.75 mm FC-304 O 4.3" x 3.3" fr1.75 mm FC-610 O 10° x 8.2° fr1.75 mm FC-304 O 4.3" x 3.3" fr1.75 mm FC-610 O 10° x 8.2° fr1.1, 75 mm FC-304 O 4.3" x 3.3" fr1.75 mm FC-608 O 8.6" x 6.6° fr1.1, 75 mm FC-304 O 4.3" x 3.3" fr1.57 mm FC-608 O 8.6" x 6.6° fr1.1, 75 mm Gemposite Video NTSC Hybrid system with IP & analog video, Dynamic NTSC or PAL settings or fAL fr1.60 mm, 550 mm Video Compression Two independent channels of H.264 (Restricted VBR and CBR, 10kbps-4Mbps, MPE64, and MUPEG) fr1.75 k144 Thermal AGC Modes Brightness, Contrast, Sharpness, Grey Shade Compression, Gamma, Start Screen Balence fr1.60 mm, 32528 GOIF: 176 k144 Thermal AGC Region of Default, Presets and User definable to insure optimal image <t< td=""><td>FC-332 O</td><td>$32^{\circ} \times 26^{\circ}$</td><td>f/1.0, 19 mm</td><td>FC-644 O</td><td>$44^{\circ} \times 36^{\circ}$</td><td>f/1.0, 13 mm</td></t<> | | FC-332 O | $32^{\circ} \times 26^{\circ}$ | f/1.0, 19 mm | FC-644 O | $44^{\circ} \times 36^{\circ}$ | f/1.0, 13 mm | |
| FC-313 O 13° × 10° f(1,1, 25 mm FC-617 O 17° × 14° f(1,3 5 mm FC-305 O 5.4° × 1,1° f(1,1,35 mm FC-610 O 8.2° f(1,2,5 60 mm FC-304 O 4.3° × 3.3° f(1,1,75 mm FC-600 O 8.6° × 6.6° f(1,1,75 mm E-Zoom - 4.3° × 3.3° f(1,1,75 mm FC-617 O 8.2° f(1,1,75 mm Sensitivity - - 44 contrinuous E-Zoom f(1,1,75 mm FC-617 O f(1,2,5 mm f(1,1,35 mm f(1,1,35 mm f(1,1,35 mm FC-617 O f(1,2,5 mm f(1,1,35 mm f(1,1,35 mm f(1,1,35 mm f(1,1,35 mm f(1,1,35 mm f(1,1,35 mm) | | FC-324 O | $24^{\circ} \times 18^{\circ}$ | f/1.0, 13 mm | FC-632 O | $32^{\circ} \times 26^{\circ}$ | f/1.0, 19 mm | |
| FC-313 O 13° × 10° f(1,1, 25 mm FC-617 O 17° × 14° f(1,3 5 mm FC-305 O 5.4° × 1,1° f(1,1,35 mm FC-610 O 8.2° f(1,2,5 60 mm FC-304 O 4.3° × 3.3° f(1,1,75 mm FC-600 O 8.6° × 6.6° f(1,1,75 mm E-Zoom - 4.3° × 3.3° f(1,1,75 mm FC-617 O 8.2° f(1,1,75 mm Sensitivity - - 44 contrinuous E-Zoom f(1,1,75 mm FC-617 O f(1,2,5 mm f(1,1,35 mm f(1,1,35 mm f(1,1,35 mm FC-617 O f(1,2,5 mm f(1,1,35 mm f(1,1,35 mm f(1,1,35 mm f(1,1,35 mm f(1,1,35 mm f(1,1,35 mm) | | FC-317 O | 17° × 13° | f/1.0, 19 mm | FC-625 O | $25^{\circ} \times 20^{\circ}$ | f/1.1, 25 mm | |
| FC-309 0 9,2° × 7,0° f/1,1,35 mm FC-610 0 10° × 8.2° f/1,25,60 mm FC-304 0 6,4° × 4.1° f/1,75 mm FC-610 0 8,6° × 6,6° f/1,75 mm FC-304 0 4,3° × 3.3° f/1,1,75 mm FC-610 0 8,6° × 6,6° f/1,1,75 mm FC-304 0 4,3° × 3.3° f/1,1,75 mm FC-610 0 8,6° × 6,6° f/1,1,75 mm FC-304 0 4,3° × 3.3° f/1,1,75 mm FC-610 0 8,6° × 6,6° f/1,1,75 mm FC-510 0 Composite Video Cutput < | | | | | FC-617 O | | | |
| FC-305 O 5.4° × 4.1° [/1.2, 5.60 mm] FC-608 O 8.6° × 6.6° [/1.1, 75 mm] E-Zoom 4.3° × 3.3° [/1.7, 75 mm] 4x continuous E-Zoom 4x continuous E-Zoom Focus Athermalized, focus-free Sensitivity <35mk for F# 1.0 optics | | | | | | | | |
| FC-304 O [41.3]* x 3.3° [f11.7] 25 mm Annomial Focus Athermalized, focus-free Sensitivity <35mK for F# 1.0 optics | | | | | | | | |
| EZoom 4x continuous EZoom Focus Athermalized, focus-free Sensitivity <35mK for F# 1.0 optics | | | | | 100000 | 0.0 × 0.0 | i/ 1.1, / O IIIIII | |
| Focus Athermalized, focus-free Sensitivity <35mK for F# 1.0 optics | E Zoom | 10-3040 | 4.0 × 0.0 | Av continu | ur E Zoom | | | |
| Sensitivity <35mK for F# 1.0 optics | | | | | | | | |
| Video Hybrid system with IP & analog video, Dynamic NTSC or PAL settings or PAL Analog Video Output 1Vp-p (PAL or NTSC), 1 x BNC 75Ω Composite Two independent channels of H.264 (Restricted VBR and CBR, 10kbps-41Mbps, MPEG4, and MJPEG) Streaming Resolution D1: 720x576, 4CIF: 704x576, Native: 640x512, O-Native: 320x256, CIF: 352x288, OCIF: 176x144 Thermal AGC Modes Brightness, Contrast, Sharpness, Grey Shade Compression, Gamma, Features Smart Screen Balance Smart Screen Balance Thermal AGC Region of Interest (ROI) Default, Presets and User definable to insure optimal image Informity Automatic Flat Field Correction (FFC); Thermal and Temporal Triggers Optimization Support for 32GB SD Card (sold separately) Sp Card Snapshot Support for 32GB SD Card (sold separately) Capture Yes Supported Protocols FLIR SDK, FLIR CGI, ONVIE Profile S Network APIs FLIR SDK, FLIR CGI, ONVIE Profile S Network QPIs T5/9/13/19 Gomm 2.0kg Z5mm Supported Protocols SVErth 11.4 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 28 x 129 x 114 x 106 mm/10.2" x 4.5" x 4.2" Weight With out sunshield: 28 x 129 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 28 x 129 x 114 x 106 mm/10.2" x 4.5" x 4.2" <td></td> <td>+</td> <td></td> <td></td> <td></td> <td></td> <td></td> | | + | | | | | | |
| Composite Video NTSC or PAL Hybrid system with IP & analog video, Dynamic NTSC or PAL settings or PAL Analog Video Output Composite 1VP-p (PAL or NTSC), 1 x BNC 75Ω Video Compression Two independent channels of H.264 (Restricted VBR and CBR,10kbps-4Mbps, MPEG4, and MJPEG) Streaming Resolution D1: 720x576, 4CIF: 704x576, Native: 640x512, Q-Native: 320x256, CIF: 352x288, OCIF: 170x144 Thermal AGC Region of Interest (ROI) Default, Presets and User definable to insure optimal image quality on subjects of interest Image Uniformity Optimization Automatic Flat Field Correction (FFC); Thermal and Temporal Triggers Optimization Sy Stem Integration Support for 32GB SD Card (sold separately) Control Input/Output 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network APIs IPV4, HTTP, Bonjour, UPPP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP,FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Without Sunshield: 75/9/13/19 (6.55 lb.) 75mm 2.5kg (4.75 lb.) Weight Without Sunshield: 282 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage POE POE+ (802.3at) 12VDC 24VAC(VA) (40 100%) Power Consumption Source | | | | <35mK for | ⊢# 1.0 optic | s | | |
| or PÅL 1Vp-p (PAL or NTSC), 1 x BNC 750. Composite Two independent channels of H.264 (Restricted VBR and CBR,10kbps-4Mbps, MPEG4, and MJPEG) Streaming Resolution D1: 720x576, 4CIF: 704x576, Native: 640x512, Q-Native: 320x256, CIF: 352x288, OCIF: 178x144 Thermal AGC Modes Features Brightness, Contrast, Sharpness, Grey Shade Compression, Gamma, Smart Screen Balance Thermal AGC Region of Interest (ROI) Default, Presets and User definable to insure optimal image quality on subjects of interest Image Uniformity Optimization Automatic Flat Field Correction (FFC); Thermal and Temporal Triggers Optimization Sty Stem Integration Support for 32GB SD Card (sold separately) Capture Yes System Integration FLIR SDK, FLIR CGI, ONVIF Profile S Retwork APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network IVA, HTTP, Bonjour, UPNP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AF SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Without 7.5/9/13/19 Sunshield: 19/26/ Lens 60mm 2.0kg 75mm 2.5kg Weight Without 7.5/9/13/19 Sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage Power Consumption Source POE Weight CE: EN55032 Class A; FCC 47 CFR Part 15, Subpart 8, Class A (@ 100%) | | | | | | | | |
| Analog Video Output Composite TWp- (PAL or NTSC), 1 x BNC 75Ω Video Compression Two independent channels of H.264 (Restricted VBR and CBR,10kbps-4Mbps, MPEG4, and MJPEG) Streaming Resolution D1: 720x576, 4CIF: 704x576, Native: 640x512, Q-Native: 320x256, CIF: 352x288, QCIF: 176x144 Thermal AGC Modes Features Brightness, Contrast, Sharpness, Grey Shade Compression, Gamma, Smart Screen Balance Thermal AGC Region of Interest (ROI) Default, Presets and User definable to insure optimal image quality on subjects of interest Dytimization Automatic Flat Field Correction (FFC); Thermal and Temporal Triggers System Integration Support for 32GB SD Card (sold separately) capture System Integration 10/100 Mbps External Analytics Yes Compatible Yes Control Input/Output 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network APIs IPV4, HTTP, Bonjour, UPNP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Without 7.5/9/13/19 (4.5 lb.) 60mm 2.4kg 75mm 2.5kg Weight Without 7.5/9/13/19 (4.5 lb.) 60mm 2.4kg 75mm 2.5kg Dimensions (L, W, H) Without sunshield: 282 x 114 x 106 mm/10.2" x 4.5" x 4.2" Weight Weight 2.2kg < | Composite Video NTSC | Hyl | brid system v | vith IP & analog vi | deo, Dynami | ic NTSC or PA | AL settings | |
| Composite Two independent channels of H.264 (Restricted VBR and CBR, 10kbps-4Mbps, MPEG4, and MJPEG) Streaming Resolution D1: 720x576, 4CIF: 704x576, Native: 640x512, O-Native: 320x256, CIF: 352x288, QCIF: 176x144 Thermal AGC Modes Brightness, Contrast, Sharpness, Grey Shade Compression, Gamma, Smart Screen Balance Thermal AGC Region of Interest (ROI) Default, Presets and User definable to insure optimal image quality on subjects of interest Image Uniformity Optimization Automatic Flat Field Correction (FFC); Thermal and Temporal Triggers Optimization SD Card Snapshot Capture Support for 32GB SD Card (sold separately) System Integration Ethernet Ethernet 10/100 Mbps External Analytics Yes Compatible Yes Control Input/Output 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Metwork IPV4, HTTP, Bonjour, UPNP, DNS, NTP, RTCP, TCP, ICDP, ICMP, IGMP, DHCP, AR SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802,1X General Without 7.5/9/13/19 60mm 2.0kg 75mm 2.2kg 14.5 lb.) Weight Without 7.5/9/13/19 60mm 2.0kg 75.5 lb.) 2.5 kg | or PAL | | | , i i i i i i i i i i i i i i i i i i i | | | | |
| Composite Two independent channels of H.264 (Restricted VBR and CBR, 10kbps-4Mbps, MPEG4, and MJPEG) Streaming Resolution D1: 720x576, 4CIF: 704x576, Native: 640x512, O-Native: 320x256, CIF: 352x288, QCIF: 176x144 Thermal AGC Modes Brightness, Contrast, Sharpness, Grey Shade Compression, Gamma, Smart Screen Balance Thermal AGC Region of Interest (ROI) Default, Presets and User definable to insure optimal image quality on subjects of interest Image Uniformity Optimization Automatic Flat Field Correction (FFC); Thermal and Temporal Triggers Optimization SD Card Snapshot Capture Support for 32GB SD Card (sold separately) System Integration Ethernet Ethernet 10/100 Mbps External Analytics Yes Compatible Yes Control Input/Output 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Metwork IPV4, HTTP, Bonjour, UPNP, DNS, NTP, RTCP, TCP, ICDP, ICMP, IGMP, DHCP, AR SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802,1X General Without 7.5/9/13/19 60mm 2.0kg 75mm 2.2kg 14.5 lb.) Weight Without 7.5/9/13/19 60mm 2.0kg 75.5 lb.) 2.5 kg | Analog Video Output | | | 1Vp-p (PAL or N | FSC), 1 x BN | C 750 | | |
| Video Compression Two independent channels of H.264 (Restricted VBR and CBR,10kbps-4Mbps, MPEG4, and MJPEG) Streaming Resolution D1: 720x576, 4CIF: 704x576, Native: 640x512, O-Native: 320x256, CIF: 352x288, OCIF: 176x144 Thermal AGC Modes Brightness, Contrast, Sharpness, Grey Shade Compression, Gamma, Smart Screen Balance Thermal AGC Region of Interest (ROI) Default, Presets and User definable to insure optimal image quality on subjects of interest Image Uniformity Optimization Automatic Flat Field Correction (FFC); Thermal and Temporal Triggers SD Card Snapshot Capture Support for 32GB SD Card (sold separately) System Integration Yes Ethernet 10/100 Mbps External Analytics Yes Control Input/Output 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AF SCP,FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802,1X General Weight 7.5/9/13/19 sunshield: 19/ 25/35mm (4.5 lb.) 60mm 2.4kg 75mm (5.5 lb.) Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" 24VDC 24VAC(VA) (802.3af) | | 1 VP-P (FAL 01 N130), 1 X BNC 7312 | | | | | | |
| MPEG4, and MJPEG) Streaming Resolution D1: 720x576, 4CIF: 704x576, Native: 640x512, Q-Native: 320x256, CIF: 352x288, QCIF: 176x144 Thermal AGC Modes Brightness, Contrast, Sharpness, Grey Shade Compression, Gamma, Features Thermal AGC Region of Interest (ROI) Default, Presets and User definable to insure optimal image quality on subjects of interest Image Uniformity Optimization Automatic Flat Field Correction (FFC); Thermal and Temporal Triggers Optimization System Integration Support for 32GB SD Card (sold separately) System Integration Yes Compatible Yes Control Input/Output 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network FLIR SDK, FLIR CGI, ONVIF Profile S Network IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AF SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Without 7.5/9/13/19 sunshield: 19/25/ 15/25/35mm Lens 60mm 2.0kg (4.5 lb.) 75mm (4.5 lb.) Weight Without sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" 24/20C Dimensions (L, W, H) Without sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage POE + (802.3at) 12VDC 24/VAC(VA) Heater of (@ 1 | | Two independent channels of H 264 (Restricted VBR and CBR 10kbps-4Mbps | | | | | | |
| Streaming Resolution D1: 720x576, 4CIF: 704x576, Native: 640x512, Q-Native: 320x256, CIF: 352x288, QCIF: 176x144 Thermal AGC Modes Brightness, Contrast, Sharpness, Grey Shade Compression, Gamma, Smart Screen Balance Thermal AGC Region of Interest (R0I) Default, Presets and User definable to insure optimal image quality on subjects of interest Image Uniformity Automatic Flat Field Correction (FFC); Thermal and Temporal Triggers Optimization Support for 32GB SD Card (sold separately) Capture Support for 32GB SD Card (sold separately) Capture Ves Control Input/Output 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network APIs IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Without 7.5/9/13/19 60mm 2.0kg 75mm Weight With 7.5/9/13/19 60mm 2.0kg 75mm Weight With 7.5/9/13/19 60mm 2.0kg 75mm Usinshield: 19/25/ 15.b. 2.2kg (5.5 lb.) Urith usushield: 2.59 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" <td>video compression</td> <td colspan="7"></td> | video compression | | | | | | | |
| CIF: 352x288, QCIF: 176x144 Thermal AGC Modes Brightness, Contrast, Sharpness, Grey Shade Compression, Gamma, Smart Screen Balance Thermal AGC Region of Interest Inage Uniformity Optimization Default, Presets and User definable to insure optimal image updatity on subjects of interest Image Uniformity Optimization Automatic Flat Field Correction (FFC); Thermal and Temporal Triggers Optimization SD Card Snapshot Capture Support for 32GB SD Card (sold separately) System Integration External Analytics Yes Compatible 10/100 Mbps External Analytics Compatible 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Meternal Supported Protocols IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AF SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Weight 7.5/9/13/19 60mm 2.0kg 75mm Using thinduk 7.5/9/13/19 60mm 2.4kg 75mm Using the sunshield: 2.5kg (5.5 lb.) (5.5 lb.) Using thin usinshield: 252 x 114 x 1 | Charles Develoption | | | | | | | |
| Thermal AGC Modes Features Brightness, Contrast, Sharpness, Grey Shade Compression, Gamma, Smart Screen Balance Thermal AGC Region of Interest (ROI) Default, Presets and User definable to insure optimal image quality on subjects of interest Image Uniformity Optimization Automatic Flat Field Correction (FFC); Thermal and Temporal Triggers SD Card Snapshot Capture Support for 32GB SD Card (sold separately) System Integration External Analytics Ethernet 10/100 Mbps Control Input/Output 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network FLIR SDK, FLIR CGI, ONVIF Profile S Network IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AF SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Weight Weight Without sunshield: Lens Weight 7.5/9/13/19 (25/35mm Lens 60mm 2.0kg (4.5 lb.) Weight 7.5/9/13/19 (2.5 kg (5.5 lb.) With sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 252 x 129 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 252 x 129 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 252 x 129 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 252 x 129 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 252 x 129 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 252 x 129 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 252 x 129 x 114 x 106 mm/10.2" x 4.5" x 4.5" Input Voltage Power Consumption Source POE (802.3af) POE+ (8 | Streaming Resolution | | | | | | | |
| Features Smart Screen Balance Thermal AGC Region of Interest (ROI) Default, Presets and User definable to insure optimal image quality on subjects of interest Image Uniformity Optimization Automatic Flat Field Correction (FFC); Thermal and Temporal Triggers SD Card Snapshot Capture Support for 32GB SD Card (sold separately) System Integration Support for 32GB SD Card (sold separately) System Integration Yes Compatible 10/100 Mbps External Analytics Yes Compatible Yes Control Input/Output 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ SVDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Supported Protocols IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Without sunshield: 7.5/9/13/19 (25/3Gmm Lens 60mm 2.0kg (4.5 lb.) 75mm (4.5 lb.) Weight Without sunshield: 7.5/9/13/19 (25.7Gmm Lens 60mm 2.0kg (5.25 lb.) 2.5kg (5.5 lb.) Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage Poe PO | | | | | | | | |
| Thermal AGC Region of Interest (ROI) Default, Presets and User definable to insure optimal image quality on subjects of interest Image Uniformity Optimization Automatic Flat Field Correction (FFC); Thermal and Temporal Triggers SD Card Snapshot Capture Support for 32GB SD Card (sold separately) System Integration Ethernet Ethernet 10/100 Mbps External Analytics Compatible Yes Control Input/Output 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Weight Weight Without sunshield: 19/25/ Using the integration 1.8kg (4 lb.) Weight Without sunshield: 22.kg (4.75 lb.) Dimensions (L, W, H) Without sunshield: 229 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage Source Power Consumption Source Source POE (802.3af) Heater ofn <5.5W | | | | | | | | |
| Interest (ROI) quality on subjects of interest Image Uniformity Optimization SD Card Snapshot Capture System Integration Ethernet Ethernet Ethernet Compatible Control Input/Output Network APIs Network Supported Protocols IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Weight Without Lens 1.8kg (4 lb.) Without Sunshield: 125/35mm Lens 1.8kg (4 lb.) Without Sunshield: 19/25/ Lens 2.2kg (4.75 lb.) Dimensions (L, W, H) Dimensions (L, W, H) Dimensions (L, W, H) Dimensions (L, W, H) Dimensions (L, W, H) Source Pover Consumption Source Pote | | | | | | | | |
| Image Uniformity Optimization Automatic Flat Field Correction (FFC); Thermal and Temporal Triggers SD Card Snapshot Capture Support for 32GB SD Card (sold separately) System Integration 10/100 Mbps Ethernet 10/100 Mbps External Analytics Yes Compatible Yes Control Input/Output 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONUF Profile S Network MPIs FLIR SDK, FLIR CGI, ONUF Profile S Supported Protocols IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP,FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Weight Vithout sunshield: 7.5/9/13/19 (5.5/35mm Lens 60mm 2.0kg (4.75 lb.) 75mm (4.5 lb.) Weight Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 259 x 129 x 115 mm/11.1" x 5.1" x 4.5" Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage Power Consumption Source POE (802.3af) POE+ (802.3at) 12VDC 24VDC 24VAC(VA) Heater off 5.5W 5.5W <5.5W | Thermal AGC Region of | | | | | | | |
| Optimization Support for 32GB SD Card (sold separately) Spitem Integration 10/100 Mbps Ethernet 10/100 Mbps External Analytics Yes Compatible Yes Control Input/Output 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network APIs FUP4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AF Supported Protocols IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AF ScP,FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Weight Without sunshield: 7.5/9/13/19 (4.5 lb.) 60mm 2.0kg (4.75 lb.) Weight With 7.5/9/13/19 (5.25 lb.) 60mm 2.4kg (4.75 lb.) Weight Veight 2.2kg (4.75 lb.) 2.5kg (5.5 lb.) Uens 35mm 2.2kg (4.75 lb.) (5.5 lb.) 2.5kg (5.5 lb.) Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage POE (802.3af) POE+ (802.3at) 12VDC 24VAC (VA) R02.3af) Heater off 45.5W <5.5W | Interest (ROI) | | | | | | | |
| SD Card Snapshot Capture Support for 32GB SD Card (sold separately) System Integration 10/100 Mbps External Analytics Compatible Yes Control Input/Output 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP,FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Without 7.5/9/13/19 60mm 2.0kg 75mm Weight Without 7.5/9/13/19 60mm 2.0kg 75mm Using the sunshield: 19/25/ (5.25 lb.) 2.5kg Lens 18kg (4 lb.) (5.25 lb.) 2.5kg Weight Vith usunshield: 29 x 114 x 106 mm/10.2" x 4.5" x 4.2" Weight 2.2kg (5.5 lb.) 2.5kg Input Voltage POE POE+ (802.3at) 12VDC 24VAC(VA) Heater off 4.5.5W <5.5W | Image Uniformity | | | | | | | |
| Capture 10/100 Mbps Ethernet 10/100 Mbps External Analytics Yes Compatible 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Supported Protocols IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP,FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Without 7.5/9/13/19 Weight Vithout 7.5/9/13/19 Lens 1.8kg (4 lb.) (4.5 lb.) Weight Vith 7.5/9/13/19 Sunshield: 19/25/ Lens 35mm Weight (5.5 lb.) With sunshield: 22.kg (4.75 lb.) 2.5kg Unit sunshield: 22.kg (4.75 lb.) 2.5kg Dimensions (L, W, H) Without sunshield: 29.2 x12 mm/11.1" x 5.1" x 4.5" Input Voltage POE POE + (802.3at) 12VDC 24VAC(VA) | Optimization | | | | | | | |
| Capture 10/100 Mbps Ethernet 10/100 Mbps External Analytics Yes Compatible 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Supported Protocols IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP,FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Without 7.5/9/13/19 Weight Vithout 7.5/9/13/19 Lens 1.8kg (4 lb.) (4.5 lb.) Weight Vith 7.5/9/13/19 Sunshield: 19/25/ Lens 35mm Weight (5.5 lb.) With sunshield: 22.kg (4.75 lb.) 2.5kg Unit sunshield: 22.kg (4.75 lb.) 2.5kg Dimensions (L, W, H) Without sunshield: 29.2 x12 mm/11.1" x 5.1" x 4.5" Input Voltage POE POE + (802.3at) 12VDC 24VAC(VA) | | | Su | oport for 32GB SE |) Card (sold s | separately) | | |
| System Integration Ethernet 10/100 Mbps External Analytics Yes Compatible Yes Control Input/Output 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network FUR SDK, FLIR CGI, ONVIF Profile S Network IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Without Weight 7.5/9/13/19 Sunshield: 2.5/g (4.75 lb.) (4.75 lb.) Weight 2.2kg Writh 7.5/9/13/1 Sunshield: 19/25/ Lens 35mm Veight 2.2kg (6.25 lb.) 2.5kg (5.5 lb.) 2.5kg Uhutout sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" Weight 2.2kg (4.75 lb.) 2.2kg (5.5 lb.) 2.2kg (5.5 lb.) 2.2kg (5.5 lb.) 2.2kg (6.25 lb.) 2.5kg (5.5 lb.) 2.2kg <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | | | |
| Ethernet 10/100 Mbps External Analytics Yes Compatible 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Without 7.5/9/13/19 Weight Without 7.5/9/13/19 Lens 1.8kg (4 lb.) 60mm 2.0kg Weight With 7.5/9/13/19 Weight With veight 60mm 2.0kg Weight Vith 7.5/9/13/19 Umashield: 19/25/ Lens 35mm Veight 2.2kg (4.75 lb.) 2.5kg Under the subshield: 2.2kg (4.75 lb.) 2.5kg Upt Voltage 50urce Power Consumption Source Roce POE (802.3af) 12VDC 24VDC Heater off <5.5W | | | | | | | | |
| External Analytics Compatible Yes Control Input/Output 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Supported Protocols IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Without sunshield: 7.5/9/13/19 (25/35mm 60mm 2.0kg 75mm Weight Without sunshield: 7.5/9/13/19 (2.5/35mm 60mm 2.0kg 75mm Weight With 7.5/9/13/19 (2.5/35mm 60mm 2.4kg 75mm Use the sunshield: 19/25/ (1.75 lb.) 2.5kg 2.5kg Use the sunshield: 19/25/ (4.75 lb.) 2.5kg 2.5kg Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" 24VAC(VA) Weight Source POE (802.3af) POE+ (802.3at) 12VDC 24VAC 24VAC(VA) Heater off <5.5W | | | | 10/10 | 0 Mbps | | | |
| Compatible 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network APIs FUR SDK, FLIR CGI, ONVIF Profile S Supported Protocols IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Weight 00mm 2.0kg 75mm Weight 1.8kg (4 lb.) 2.2kg 4.75 lb.) Weight 1.9/25/ (5.5 lb.) 2.5kg Weight 2.2kg (4.75 lb.) 2.5kg Weight 1.9/25/ (5.5 lb.) 2.5kg Ummensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage Poet POE POE+ (802.3at) 12VDC 24VAC(VA) Heater off <5.5W | | | | | | | | |
| Control Input/Output 1x Dry Contact in; 1x Relay Out (rated load 0.025A@ 5VDC) Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network Image: Control Input/Output Supported Protocols IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Image: Control Input/Output Supported Protocols Without Supported Protocols 7.5/9/13/19 (4.5 lb.) 60mm 2.0kg (4.75 lb.) 75mm (4.75 lb.) Weight Without Sunshield: 7.5/9/13/19 (25/35mm (4.5 lb.) 60mm 2.4kg (4.75 lb.) 75mm (4.75 lb.) 2.2kg (4.75 lb.) Weight Without Sunshield: 19/25/ (1.75 lb.) 60mm 2.4kg (4.75 lb.) 75mm (5.5 lb.) 2.5kg (4.75 lb.) Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" 24VAC(VA) Power Consumption Source POE (802.3af) POE+ (802.3at) 12VDC 24VAC (VA) Heater off <5.5W <5.5W <5.5W <5.5W <32W Surge Immunity on AC CE: EN55032 Class A; FCC 47 CFR Part 15, Subpart B, Class A (within CISPR 22:2008 Class A limits) Class A limits) | | Yes | | | | | | |
| Network APIs FLIR SDK, FLIR CGI, ONVIF Profile S Network IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Without sunshield: 7.5/9/13/19 /25/35mm Lens 60mm 2.0kg 75mm 2.2kg Weight With Vite 7.5/9/13/19 /25/35mm 60mm 2.4kg 75mm 2.2kg Weight With Vite 7.5/9/13/19 /25/35mm 60mm 2.4kg 75mm 2.5kg Ummensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" 55 lb.) Dimensions (L, W, H) Without sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage POE POE+ (802.3at) 12VDC 24VAC(VA) Heater off <5.5W | | | | | | | | |
| Network IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Without 7.5/9/13/19 60mm 2.0kg 75mm 2.2kg Immediate Immediate <thimmediate< th=""> <thimmediate< th=""> <th< td=""><td></td><td colspan="6"></td></th<></thimmediate<></thimmediate<> | | | | | | | | |
| Supported Protocols IPV4, HTTP, Bonjour, UPnP, DNS, NTP, RTCP, TCP, UDP, ICMP, IGMP, DHCP, AR SCP,FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Weight Vithout sunshield: 7.5/9/13/19 lens 1.8kg (4 lb.) Weight With With 7.5/9/13/ With 7.5/9/13/ sunshield: 19/25/35mm Lens 35mm Weight 2.2kg Lens 35mm Weight 2.2kg Lens 35mm Weight 2.2kg Lens 35mm Weight 2.2kg (4.75 lb.) 2.5kg Lens 35mm Weight 2.2kg (4.75 lb.) 2.5kg Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 2.82 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage POE Power Consumption Source Reater off <5.5W | | FLIR SDK, FLIR CGI, ONVIF Profile S | | | | | | |
| SCP, FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Vithout 7.5/9/13/19 /25/35mm 60mm 2.0kg 75mm 2.2kg 4.75 lb.) Weight Without 1.8kg (4 lb.) 60mm 2.0kg 75mm 2.2kg 4.75 lb.) 4.75 lb.) Weight 1.8kg (4 lb.) 60mm 2.4kg 75mm 2.5kg 4.75 lb.) With 7.5/9/13/19 60mm 2.4kg 75mm 2.5kg 4.75 lb.) Weight 2.2kg (5.25 lb.) 2.5kg 4.75 lb.) 4.75 lb.) Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage Poee POE + (802.3at) 12VDC 24VAC(VA) Heater off <5.5W | Network | | | | | | | |
| SCP,FTP, RTP/RTSP, Unicast/Multicast, TCP/IP, HTTP, IEEE 802.1X General Vithout 7.5/9/13/19 60mm 2.0kg 75mm 2.2kg 2.2kg 4.75 lb.) Weight Without 1.8kg (4 lb.) 60mm 2.0kg 75mm 2.2kg 4.75 lb.) 4.75 lb.) Weight With 7.5/9/13/19 60mm 2.0kg 75mm 2.2kg 4.75 lb.) 4.75 lb.) With 7.5/9/13/19 60mm 2.0kg 75mm 2.2kg 4.75 lb.) 4.75 lb.) 4.75 lb.) With 7.5/9/13/ 60mm 2.0kg 75mm 2.5kg 5.5kg | Supported Protocols | IPV4, HT | FP, Bonjour, L | IPnP, DNS, NTP, F | RTCP, TCP, L | IDP, ICMP, IG | MP, DHCP, ARP, | |
| General Without sunshield: 7.5/9/13/19 /25/35mm 1.8kg (4 lb.) 60mm 2.0kg (4.5 lb.) 75mm 2.2kg (4.75 lb.) Weight 1.8kg (4 lb.) (4.5 lb.) 2.2kg (4.75 lb.) 2.2kg (4.75 lb.) With sunshield: 19/25/ Lens 60mm 2.4kg (5.5 lb.) 75mm 2.5kg Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage POE (802.3af) POE+ (802.3at) 12VDC 24VAC (VA) Heater off <5.5W | | | | | | | | |
| Weight Without sunshield: Lens 7.5/9/13/19 (25/35mm) 60mm 2.0kg (4.5 lb.) 75mm 2.2kg (4.75 lb.) Weight 1.8kg (4 lb.) (4.5 lb.) 2.2kg (4.75 lb.) (4.75 lb.) Weight 7.5/9/13/ sunshield: 19/25/ Lens 60mm 2.4kg (5.25 lb.) 75mm 2.5kg (5.5 lb.) Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage POE (802.3af) POE+ (802.3at) 12VDC 24VAC (VA) Heater off <5.5W | General | | | , , | | | | |
| sunshield: /25/35mm Lens (4.5 lb.) 2.2kg (4.75 lb.) Weight 1.8kg (4 lb.) (4.5 lb.) 2.2kg (4.75 lb.) With 7.5/9/13/ sunshield: 60mm 2.4kg (5.25 lb.) 75mm 2.5kg (5.5 lb.) Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage POE POE+ (802.3at) 12VDC 24VDC 24VAC(VA) Heater off <5.5W | | \A/ithout | 7 5/0/12/10 | 60mm 2.0kg | 75mm | | | |
| Lens 1.8kg (4 lb.) (4.75 lb.) Weight 75/9/13/ 60mm 2.4kg 75mm Sunshield: 19/25/ (5.25 lb.) 2.5kg Lens 35mm (5.25 lb.) 2.5kg Weight 2.2kg (5.5 lb.) (5.5 lb.) Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage Power Consumption Source POE POE+ (802.3at) 12VDC 24VAC(VA) Heater off <5.5W | vveigni | | | | | | | |
| Weight Weight Gomm 2.4kg With 7.5/9/13/ sunshield: 60mm 2.4kg 75mm 2.5kg Lens 35mm Weight 2.2kg (5.5 lb.) 2.5kg Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" 4.5" Input Voltage POE POE+ (802.3at) 12VDC 24VDC 24VAC(VA) Heater off <5.5W | | | | (.dl d.+) | | | | |
| With sunshield: 7.5/9/13/ 19/25/ Lens Weight 60mm 2.4kg (5.5 lb.) 75mm 2.5kg (5.5 lb.) Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage POE POE+ (802.3at) 12VDC 24VDC 24VAC(VA) Heater off <5.5W | | | 1.8Kg (4 lb.) | | (4./5 lb.) | | | |
| sunshield: 19/25/ Lens (5.25 lb.) 2.5kg (5.5 lb.) Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage POE POE+ (802.3at) 12VDC 24VAC(VA) Heater off <5.5W | | | | | | | - | |
| Lens Weight 35mm 2.2kg (4.75 lb.) (5.5 lb.) Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage Power Consumption Source POE (802.3af) 12VDC 24VDC 24VAC(VA) Heater off <5.5W | | | | | | | | |
| Weight 2.2kg (4.75 lb.) Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage Power Consumption Source POE (802.3af) POE+(802.3at) 12VDC 24VDC 24VAC(VA) Heater off <5.5W | | sunshield: | 19/25/ | (5.25 lb.) | 2.5kg | | | |
| Weight 2.2kg (4.75 lb.) Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage Power Consumption Source POE (802.3af) POE+(802.3at) 12VDC 24VDC 24VAC(VA) Heater off <5.5W | | Lens | 35mm | | (5.5 lb.) | | | |
| image: with our subscription (4.75 lb.) image: with subscription Dimensions (L, W, H) Without subscription Without subscription With subscription Power Consumption Source POE (802.3af) 12VDC 24VDC 24VAC(VA) Heater off <5.5W | | Weight | | | | | | |
| Dimensions (L, W, H) Without sunshield: 259 x 114 x 106 mm/10.2" x 4.5" x 4.2" Input Voltage With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Power Consumption Source POE (802.3af) POE+ (802.3at) 12VDC 24VDC 24VAC(VA) Heater off <5.5W | | _ | | | | | | |
| With sunshield: 282 x 129 x 115 mm/11.1" x 5.1" x 4.5" Input Voltage POE POE+ (802.3at) 12VDC 24VDC 24VAC(VA) Heater off <5.5W | Dimensions (I W/ H) | Without su | | 114 x 106 mm/10 |).2" x 4 5" × | 4.2" | | |
| Input Voltage POE POE+ (802.3at) 12VDC 24VDC 24VAC(VA) Power Consumption Source POE (802.3af) POE+ (802.3at) 12VDC 24VDC 24VAC(VA) Heater off <5.5W | | | | | | | | |
| Power Consumption Source POE (802.3af) POE+(802.3at) 12VDC 24VDC 24VAC(VA) Heater off (@ 100%) <5.5W | Input Voltage | | | <u>, , , , , , , , , , , , , , , , , , , </u> | | | | |
| (802.3af) (802.3af) Heater off <5.5W | | Source | DOE | DOE . (000 0-+) | 121/00 | 241/00 | 24\/AC/\/A\ | |
| Heater off <5.5W <5.5W <5.5W <8W Heater on (@ 100%) N/A <25W | rower consumption | Source | | FUE+ (802.3at) | IZVDC | Z4VDC | Z4VAC(VA) | |
| Heater on (@ 100%) N/A <25W <25W <32W Surge Immunity on AC Power Lines CE: EN55032 Class A; FCC 47 CFR Part 15, Subpart B, Class A (within CISPR 22:2008 Class A limits) Class A | | 11 | | | - | - | 014/ | |
| (@ 100%) CE: EN55032 Class A; FCC 47 CFR Part 15, Subpart B, Class A Power Lines (within CISPR 22:2008 Class A limits) | | | | | - | | | |
| Surge Immunity on AC CE: EN55032 Class A; FCC 47 CFR Part 15, Subpart B, Class A Power Lines (within CISPR 22:2008 Class A limits) | | Heater on | N/A | <25W | <25W | <25W | <32W | |
| Surge Immunity on AC CE: EN55032 Class A; FCC 47 CFR Part 15, Subpart B, Class A Power Lines (within CISPR 22:2008 Class A limits) | | (@ 100%) | | | | | | |
| Power Lines (within CISPR 22:2008 Class A limits) | Surae Immunity on AC | | | | | | | |
| Surge Immunity on EN 55024: 2010 and 55032: 2010 to 4 0kV on AC aux power lines: | | | | | | | | |
| JUNE THE REPORT OF A DESCRIPTION OF A DE | | E | | | | | vor lines: | |
| Signal Lines EN 50130-4:2011; IEC 62599-2:2010 | | | | | | | vei III.165, | |

| Environmenta | | | | |
|-------------------|--|--|--|--|
| IP Rating (Dust & | IP66 & IP67 | | | |
| Water Ingress) | | | | |
| Operating | -50°C to 70°C/-58°F to 158°F | | | |
| Temperature | (Continuous Operation) | | | |
| Range | -40°C to 70°C /-40°F to 158°F (Cold Start) | | | |
| Storage | -50°C to 85°C/-58°F to 185°F | | | |
| Temperature | | | | |
| Range | | | | |
| Humidity | 0-95% relative humidity | | | |
| Shock | MIL-STD-810G "Transportation" | | | |
| Vibe | IEC 60068-2-27 | | | |
| De-Icing / Anti- | MIL-STD-810 F, Method 521.2 - 6mm ice, | | | |
| lcing | 120 minutes with POE+, 4mm ice with | | | |
| | POE af | | | |
| | FC-304, FC-305, FC-610 & FC-608 with | | | |
| | Cold Weather kit - not yet available. | | | |
| Warranty & Re | egulatory | | | |
| Approvals | CE: EN55032 Class A; FCC 47 CFR Part | | | |
| | 15, Subpart B, Class A (within CISPR | | | |
| | 22:2008 Class A limits) | | | |
| Certifications | IEC 60068-2-1:2007; IEC 60068-2- | | | |
| | 2:2007; ISTA-1A (Handling) | | | |
| Compliance | RoHS Directive 2011/65/EU; WEEE | | | |
| | 2012/19/EU | | | |
| Warranty | Camera: 3 Years | | | |
| | Sensor: 10 Years | | | |

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