

SR-SERIES

Fixed-site Thermal Security Cameras



HIGH PERFORMANCE THERMAL SECURITY CAMERAS

SR-Series imagers are fixed-site thermal security cameras that come in ruggedized, all-weather enclosures that are compatible with a wide variety of third-party accessories, making them easy to integrate. SR-Series cameras define the new standard of performance with five models with full 640 × 480 thermal resolution that give you greater image detail, more extensive coverage, and better analytics performance than ever before.

BENEFITS OF 640 × 480 RESOLUTION:

High-resolution SR-Series cameras have up to 16-times as many pixels as their lower-resolution counterparts, giving you:

- Sharper thermal images that provide greater scene detail; improves threat detection and alarm assessment capabilities
- Long-range threat detection; see smaller details from farther away
- Enhanced analytics performance; gives you more reliable feedback with fewer nuisance alarms
- Wider fields of view improve coverage without compromising range performance; optimize coverage efficiency while lowering overall installation cost

BENEFITS OF SR-SERIES THERMAL SECURITY CAMERAS:

- High-quality 24/7 thermal video security coverage
- Sun-safe VOx uncooled thermal sensor technology; looking directly at the sun won't damage FLIR thermal security cameras
- Thermal lenses with focal lengths from 9 mm to 100 mm, and angular FOVs from 48° to 4.6°
- All 640 × 480 resolution products are based on FLIR's 17-micron pixel pitch arrays, the most advanced uncooled detectors available on the commercial market
- Serial control and analog composite video output enable ready integration into legacy network designs
- A complete selection of reduced-resolution 320 × 240 and 160 × 120 format cameras are also available



Thermal cameras provide threat detection and 24-hour situational awareness.

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Camera Platform Type	Fixed	Fixed	Fixed
THERMAL CAMERA SPECS			
Array Format (NTSC)	160 x 120	320 x 240	640 x 480
Detector Type	Long-Life, Uncooled VOx Microbolometer	Long-Life, Uncooled VOx Microbolometer	Long-Life, Uncooled VOx Microbolometer
Effective Resolution	19,200	76,800	307,200
Pixel Pitch	25 µm	25 µm	17 µm
Field Of View	24° x 20° (SR-124; 9 mm) 17° x 14° (SR-117; 13 mm) 12° x 10° (SR-112; 19 mm)	48° x 39° (SR-348; 9 mm) 34° x 28° (SR-334; 13 mm) 24° x 19° (SR-324; 19 mm) 13° x 10° (SR-313; 35 mm) 9° x 7° (SR-309; 50 mm) 4.6° x 3.7° (SR-304; 100 mm)	45° x 37° (SR-645; 13 mm) 25° x 20° (SR-625; 25 mm) 18° x 14° (SR-618; 35 mm) 12° x 10° (SR-612; 50 mm) 6.2° x 5° (SR-606; 100 mm)
Zoom	2x E-zoom	2x & 4x E-zoom	2x & 4x E-zoom
Spectral Range	7.5 to 13.5 µm	7.5 to 13.5 µm	7.5 to 13.5 µm
Focus	Athermalized, Focus-free	Athermalized, Focus-free	Athermalized, Focus-free
Frame Rate	NTSC: 30 Hz; PAL 25 Hz	NTSC: 30 Hz; PAL 25 Hz	NTSC: 30 Hz; PAL 25 Hz

OUTPUTS

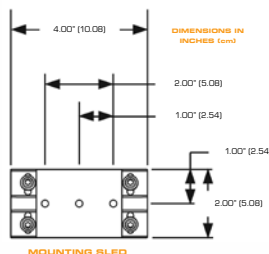
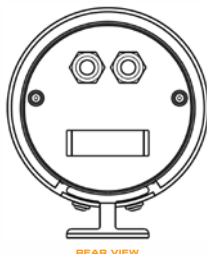
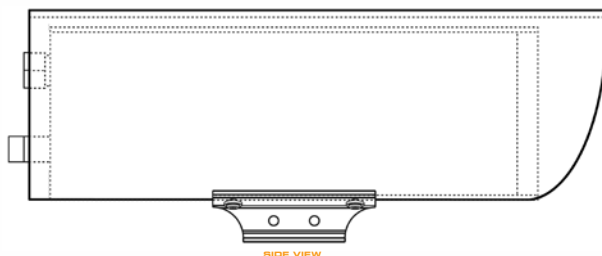
Composite Video NTSC or PAL	Standard	Standard	Standard
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CONTROL

Point To Point (stand alone)	Standard	Standard	Standard
Serial	RS-422/232	RS-422/232	RS-422/232

GENERAL

Weight	4.6 lb	4.6 lb (all but SR-309 & SR-304) <7 lb (SR-309 & SR-304)	4.6 lb (all but SR-612 & SR-606) <7 lb (SR-612 & SR-606)
Dimensions (L,W,H)	10.5" x 5" x 5.7"	10.5" x 5" x 5.7" 14.25" x 5" x 5.7" (SR-304)	10.5" x 5" x 5.7" 14.25" x 5" x 5.7" (SR-612 & 606)
Power Requirements	14-32 VDC or 18-27 VAC	14-32 VDC or 18-27 VAC	14-32 VDC or 18-27 VAC
Power Consumption	24 VAC: 5 VA nominal, 21 VA max 24 VDC: 3 W nominal, 10 W max	24 VAC: Nominal: 5 VA; Max: 21 VA (348, 334, 324) 11 VA (313) 30 VA (309) 48 VA (304) 24 VDC: Nominal: 3 W Max: 10 W (348, 334, 324), 6 W (313) 11 W (309) 25 W (304)	24 VAC: Nominal: 5 VA Max: 21 VA (645, 625) 11 VA (618) 29 VA (612) 48 VA (606) 24 VDC: Nominal: 3 W Max: 10 W (645, 625) 6 W (618) 11 W (612) 25 W (606)



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