

SR-SERIES

Fixed-Site Thermal Security Cameras



THE BEST THERMAL SECURITY CAMERAS IN THE BUSINESS

FLIR's powerful SR-Series thermal security cameras complement and complete your security camera network. They turn night into day, allowing you to see intruders invisible to the naked eye.

FLIR's SR-Series thermal security cameras feature full 320 × 240 image resolution, come in industry-standard environmental enclosures, use common ¼-20 mounting hardware, and are compatible with a wide variety of third-party mounts and pedestals (Bosch, Video Alarm and Pelco, to name a few), making installation a snap. An optional Pan/Tilt that operates with Pelco D control protocol is also available.

- Creates video images from heat, night and day, in good weather and bad
- High-quality 24/7 thermal video security coverage
- Available lenses: 19 mm (36° FOV), 35 mm (20° FOV), 50 mm (14° FOV) & 100 mm (4.6° FOV)
- Digital Detail Enhancement (DDE) for optimal image quality
- NTSC or PAL composite video-output is compatible with all third-party accessories
- External Video-Analytics compatible
- Pelco D, RS-232 & RS-422 capability on certain models
- Network ready – fully compatible with third-party video encoders
- Optional Pan/Tilt has Pelco D interface control and is widely supported by other third-party control solutions
- High contrast imagery optimized to get the most out of video analytics software to create virtual perimeters
- No need for the expense and complication of added lighting infrastructure
- Clear vision in challenging conditions (lowlight, no light, backlight, haze, smoke, fog, etc.)

PERFECT FOR:

- Monitoring dimly lit or unlit entries and exits
- Indoor and outdoor parking lots and structures
- Warehouses, waterfronts, large open areas
- Residential properties and gated communities
- Anywhere you need to see at night



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

SR-SERIES

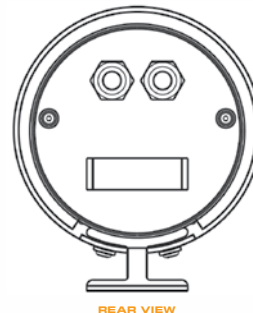
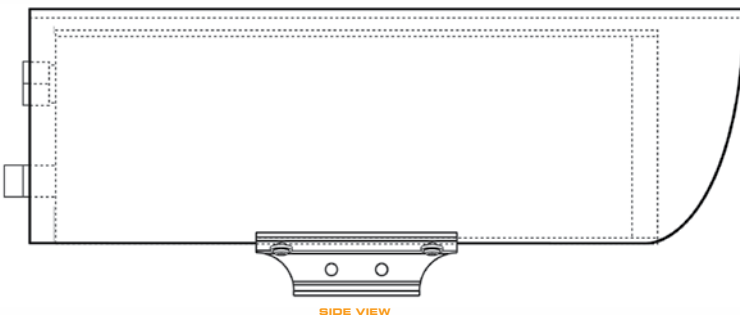
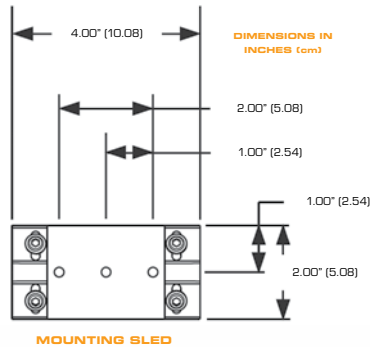


Camera Model	SR-19	SR-35	SR-50	SR-100A
Camera Platform Type	Fixed	Fixed	Fixed	Fixed
THERMAL CAMERA SPECS				
Array Format (NTSC)	320 x 240	320 x 240	320 x 240	320 x 240
Detector Type	Long-Life, Uncooled VOx Microbolometer	Long-Life, Uncooled VOx Microbolometer	Long-Life, Uncooled VOx Microbolometer	Long-Life, Uncooled VOx Microbolometer
Effective Resolution	76,800	76,800	76,800	76,800
Pixel Pitch	38 µm	38 µm	38 µm	25 µm
Focal Length	19 mm	35 mm	50 mm	100 mm
Field Of View	36° x 27°	20° x 15°	14° x 10°	4.6° x 3.7°
Zoom	2x E-zoom	2x E-zoom	2x E-zoom	2x E-zoom
Spectral Range	7.5 µm to 13.5 µm	7.5 µm to 13.5 µm	7.5 µm to 13.5 µm	7.5 µm to 13.5 µm
Focus Range	Athermalized; Focus-free	Athermalized; Focus-free	Athermalized; Focus-free	Athermalized; Focus-free
Outputs				
Composite Video NTSC or PAL	Standard	Standard	Standard	Standard
CONTROL				
Point to point (stand alone)	Standard	Standard	Standard	Standard
Serial	RS-422/-232	RS-422/-232	RS-422/-232	RS-422/-232
GENERAL				
Weight	<6 lb	<6 lb	<6 lb	<8 lb
Dimensions (L,W,H)	10.5" x 5" x 5.7"	10.5" x 5" x 5.7"	10.5" x 5" x 5.7"	14.25" x 5" x 5.7"
Power Requirements	14-32 VDC or 18-27 VAC	14-32 VDC or 18-27 VAC	14-32 VDC or 18-27 VAC	14-32 VDC or 18-27 VAC
Power Consumption	3 W nominal at 24 VDC 7 W nominal at 24 VAC 30 W peak AC/DC	3 W nominal at 24 VDC 7 W nominal at 24 VAC 30 W peak AC/DC	3 W nominal at 24 VDC 7 W nominal at 24 VAC 30 W peak AC/DC	36 W peak, at 24 VAC

All video outputs compatible with external video analytics. SDK available for all cameras.

SR-SERIES CAMERA MEASUREMENTS

	Length	Height
 SR-19 / -35 / -50	10.5" (26.7 cm)	5.7" (14.48 cm)
 SR-100A	14.5" (36.8 cm)	5.7" (14.48 cm)



SANTA BARBARA
CVS World Headquarters
 FLIR Commercial Vision Systems, Inc.
 70 Castilian Dr.
 Goleta, CA 93117
 USA
 PH: + 1 877 773 3547
 PH: + 1 805 964 9797
 FX: + 1 805 685 2711

EUROPE
CVS Eurasian Headquarters
 FLIR Systems CVS BV
 Charles Petitweg 21
 4847 NW Teteringen - Breda
 Netherlands
 PH: +31 (0) 765 79 41 94
 FX: +31 (0) 765 79 41 99
 flir@flir.com

PORTLAND
Corporate Headquarters
 FLIR Systems, Inc.
 27700 SW Parkway Ave.
 Wilsonville, OR 97070
 USA
 PH: + 1 877 773 3547
 FX: + 1 503 498 3153
 sales@flir.com

www.flir.com

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited.
 ©2009 FLIR Systems, Inc. Specifications are subject to change without notice, check our website: www.flir.com. 0906-628

