

VSR-6

**Low-Cost, Thermal Security Camera
For Wide-Area Coverage**



THE FLIR SYSTEMS VSR-6

Low-cost, wide-angle thermal security camera for high value asset protection

Intruders can't hide their heat

Thermal security cameras are the only option when there is no room for error. The FLIR VSR-6 provides clear, high-contrast imagery in total darkness using the same thermal technology used by the military. It is perfect for wide-area surveillance in critical infrastructure or high-value residence installations where lighting is unwelcome or impractical.

The VSR-6 has a standard video output that works with existing digital video recording devices, video motion detection software or off-the-shelf mpeg compression equipment. Integrators will appreciate the variety of installation options provided by its industry-standard enclosure.



- Makes pictures from heat, not light; night and day, in good weather and bad
- Provides clear imagery in total darkness without any illumination
- Powerful defense technology available for commercial and residential use
- 6.3mm lens for first-rate wide area viewing
- Digital Detail Enhancement for optimal image quality
- Simple installation using an industry-standard environmental enclosure
- NTSC or PAL composite video-out for painless network integration

THE POWER OF THERMAL IMAGING

Compliments and completes your security camera network by giving you the power to see threats invisible to the naked eye

Thermal security cameras see heat

Thermal security cameras make pictures from heat energy that is invisible to the naked eye. Everything in the color image below is giving off heat – even the ice cubes she is holding in her left hand, and the circle she traced on the wall with her right.



See through obscurants

Thermal energy passes through many obscurants including smoke, dust, modest foliage and light fog. The thermal camera can see this person clearly through the fog, but the standard visible-light color camera cannot.



SYSTEM OVERVIEW

THERMAL CAMERA PERFORMANCE

Sensor Type	Long-life, uncooled VOx 160x120 Microbolometer
Focal Length	6.3 mm
Field-of-View	52° x 40°
Spectral Range	7.5 to 13.5 μm

SYSTEM SPECIFICATIONS

Size	8" x 4.25" x 5.3" (203 mm x 108 mm x 135 mm)
Weight	4.7 lb (2.1 kg)
Video Output	NTSC or PAL
Power Requirements	14-32VDC or 18-27VAC
Power Consumption	4W nominal, 9W peak at 24VAC

Environmental

Operating Temp	-26° to +131°F (-32°C to +55°C)
Standards	IP 66 & Mil-Std 810E