

CAM\IR 2400AS Thermal Detection System

Thermal imaging systems are passive and non-intrusive, detecting through darkness, in most weather, and over distances. As a result, they are invisible to intruders, allowing security personnel to monitor their actions without their knowledge, protecting people and assets before they are exposed to danger.

APPLICATIONS:

- Military
- Executive security
- Residential
- Law Enforcement
- Covert operations
- Industrial



Features:

- Advanced L-3 Technology
- Full motion and real time video
- Eliminates need for enhanced light
 - Reduces energy costs
- Day or night full image resolution
 - Cost-effective
- State of the art thermal imaging
 - Heavy duty pan and tilt
- Optional window wiper assembly
- Thermostatically controlled heating and cooling
 - Weatherproof machined enclosure
 - O ring sealed

Options:

- Mobile or Fixed
- Wireless
- Hardwire
- Fibre Optic
- Direct, computer, or LAN control
- Dual image with visual camera
- Control Software
- Thermofind™ Motion Detection
- Thermatect™ Thermal Detection

 Contract Holder GS-03F-0035L



www.infrared.com



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CAM\IR 2400AS Infrared Camera Specifications

Focal Plane Array

Material Structure & Format: Amorphous Silicon Microbolometer (320 x 240 pixel array)
 Output Resolution: NTCS: 640 x 480 pixels PAL: 768 x 574 pixels
 Spectral Response: 7-14µm (filter bandwidth)
 Thermal Sensitivity: <50mK
 Refresh Rate: Real-time 30Hz

Thermal Imaging System Performance

Start-up Time: ~4 seconds
 Contrast/Brightness: Advanced Image Processing
 Saturation Temperature: 1100°F +/- 10% w/automatic electronic iris
 Range to detect Human Activity: 775 ft to 5280 ft

Optics

FOV Alternatives (Focal Length): 11.6mm, 23mm, 50mm, 75mm, 100mm, or 150mm
 Focus Method: Electric and Manual, Temperature Stabilized.

Video

Analog Output: NTCS (color) Real-Time 30Hz Frame Rate
 PAL (color) Real-Time 25Hz Frame Rate
 Digital Output (optional): Full-Resolution, 16 or 24 bits Plus Control Signals
 Customizable Absolute Color: 3 OEM selectable color points

Power

Input Voltage: 8 or 24 VDC
 Input Power: ~2.0 W @25°C ambient, 12 VDC

Physical Characteristics

Size: 13 in L x 8 in diameter (33 cm L x 21 cm diameter)
 Weight: 35 lbs

Environmental Characteristics

Operating Temperature: -30°C to 66°C
 Storage Temperature: -46°C to 71°C



Model numbers and specifications are subject to change without notice.

