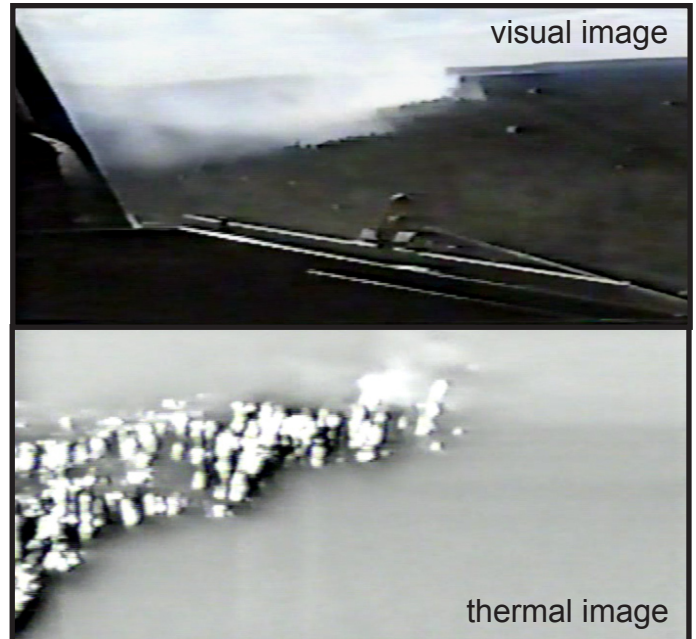




CAM\IR 2227 AFF



Thermal imagers are passive and non-intrusive, detecting day or night and in most weather. The CAM\IR 2227 AFF is a cost-effective thermal imager suited to a variety of wildland fire applications. It features plug and play capabilities which allow it to be integrated into existing CCTV or SATCOM system architecture.

Features:

- Advanced L3 Technology
- Full motion and real time video
- Day or night full image resolution
- Cost-effective
- Plug and play compatibility with CCTV interfaces
- Weatherproof machined enclosure
- O ring sealed

Options:

- Aerial, Mobile or Fixed
- Temperature measurement at center with crosshair
- Dual image with visual camera

CAM\IR 2227 AFF Specifications

Focal Plane Array

Material and Structure: Amorphous Silicon Microbolometer (320 x 240 pixel array)
Spectral Response: 7-14 μ m (filter bandwidth)
Thermal Sensitivity: < 50 mK
Refresh Rate: Real-time 30Hz

Thermal Imaging System Performance

Start-up Time: ~ 3 seconds
Contrast/Brightness: Automatic/Advanced Image Processing

Optics

Focal Length	25mm
FOV (H x V)	11° x 8°
Focus	Manual



Video

Output Format	NTSC; Real-Time 30hz Frame Rate PAL; Real-Time 25hz Frame Rate
Output Resolution	NTSC 640x480 pixels for higher clarity PAL 768 x 574 pixels for higher clarity

Power

Input Voltage: 8-28 VDC
Input Power: ~1.2 W @ 25° C ambient, 3VDC

Physical Characteristics

Size: 9"L x 3.75"W x 2.6"H (22.86cmL x 9.53cmW x 6.6cmH)
Weight: 30 oz. (0.85Kg)
Color: Black
Operating Temperature: -4°F to 185°F (-20°C to 85°C)
Storage Temperature: -40°F to 221°F (-40°C to 105°C)



Model numbers and specifications
are subject to change without notice.

Additional Camera Functions

- Expansion port w/ real-time digital video and USB 2.0 compatible controls interface
- Customizable absolute temperature colorization
- White-hot or black-hot polarity selectable
- Electronic Zoom from 2X to 5X and electronic iris
- Optional pre-formatted temperature indication of scene at central crosshair