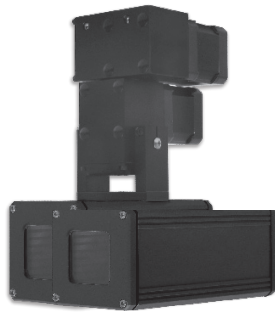


CAM\IR 2227A Dual Camera:

With Pan & Tilt



Applications:

- Aerial
- Marine



With Exclusive **SunTech®** Technology
(US and International Patents Pending)

Features:

- Easy to operate, Rugged & Compact
- Day or night full image resolution
- Selectable polarity, white or black hot
- Selectable Zoom
- 640 x 480 Image Display
- Histogram-Based Image Processing
- Optional spot temperature display
- Detection to 1.75 miles and beyond*
- Full motion real time video
- Adjustable focus and Standby mode
- External power and video jacks
- Two year warranty

* with optional lens enhancement

Options:

- Auto - Tracking
- Gyro Stabilization



GSA Contract Holder GS-03F-0035L

Subject to export restrictions and licensing

www.infrared.com



5301 Longley Ln Suite D-154 Reno, NV 89511 - 775-827-2440 - FAX: 775-827-2441



CAMVR Specifications

Thermal Imaging Performance

Start-up Time	~4 seconds
Contrast/Brightness	Advanced Image Processing
Polarity	Selectable White or Black Hot
Zoom	2X, 4X, 6X, 8X, 10X Factory Selectable



Focal Plane Array

Detector	Amorphous Silicon Microbolometer 320 x 240 pixel array
Output Resolution	640 x 480 pixels NTSC, 768 x 574 pixels PAL
Spectral Response	7-14 microns (filter bandwidth)
Thermal Sensitivity	< 50 mK
Refresh Rate	Real-time 30Hz or 9Hz

Optics

FOV (H x V)	3° x 2.25°	6° x 4.5°	12° x 9°	25° x 19°	50° x 37.5°
Range to detect a person (Up to)	9843' (3000m)	6130' (1860m)	3330' (1015m)	1465' (445m)	775' (235m)
Focus Method	Manual - Temperature stabilized				
Iris	Automatic Electronic				

Video

Analog Output Frame Rate	NTSC: 30hz , PAL: 25hz
Optional Absolute Color	3 selectable color points can be mapped (factory preset) to selectable absolute temperatures

Power

Power Source	Input Voltage: 8-32 VDC Input Power: 1.2 W @25° C ambient
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Environmental Characteristics

Operating Temperature	-4° F to 185°F (-20° C to 85° C)
Storage Temperature	-40° F to 221°F (-40° C to 105° C)

Physical Characteristics

Size	9"L x 3.75"W x 2.6"H (22.86cmL x 9.53cmW x 6.6cmH)
Weight	< 48 oz (1.36 kg)

Optional 2X Germanium Attachable Lens Enhancement

6° x 4.5° narrow
150mm equivalent

