

Secure-Globe Pty Ltd

SecView-2TM

Dual FOV Uncooled Thermal Camera

Description

Secure-Globe's SecView-2TM is a new thermal imager with a high sensitivity uncooled microbolometer. It offers a dual field of view which provides its operators with best situational awareness in a variety of defense and security applications. It can detect a man-size target 3.5 km away. The camera can be fixed, mounted or integrated into a pan and tilt device, as well as weapon sight applications. The camera is based on state-of-the-art Thermal-Engine. It is ruggedized to withstand the harshest weather and environmental conditions, including rain, direct sunlight, high humidity and dust.

Secured within a metal enclosure and protective connectors, the camera is also vibration and shock

resistant. SecView-2TM can be used as a stand alone camera and/or as an OEM sensor to be integrated in the customer's surveillance or weapon sight systems, suitable for rugged field conditions.

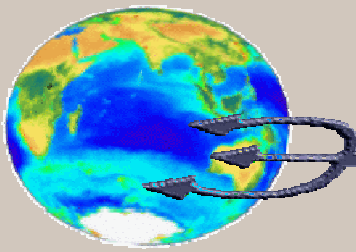
Applications

SecView-2TM is especially designed for military, paramilitary and surveillance applications. The system enables night-time perimeter surveillance of sensitive sites, including national borders, airport boundaries and weapon sights.

Features and Benefits

- High-sensitivity, long wave thermal imaging sensor detects targets in total darkness and through dust and smoke
- Supports a wide range of outdoor and terrain applications
- Can be an OEM camera to be integrated in surveillance and weapon sight systems
- Has new 12/4 degrees dual field of view compact optics to obtain fast situational awareness and detect man size targets at 3.5 km
- Rugged design - water, sand and dust sealed
- Easy installation
- Supports VMD software
- Remote-controlled
- Modular options optimized to applications





SecView-2^{IMI}

Technical Data

Features	Description / Performance
Focal Plane Array	Long Wave Microbolometer 384x288
Spectral Band	8 – 14 µm
Video Output	CCIR or RS-170
NETD	<50°mK (with f#1 optics)
Operating Voltage	9-28VDC
Power Consumption	~ 2.2 W at steady state
e-Zoom	x2 and x4
Command and Control	RS 422 or RS 232 or PELCO D (Optional)
Control Operation	Polarity, NUC, Image Flip, Manual Gain/Level, e-Zoom, Focus Corrections
Number of Fields of view	2
Dimensions	110x111x240 mm
Mounting	4x M8X1 .25
Weight	< 2.2 Kg
Environmental Qualification	
EMI/EMC	MIL-STD-461D
Operating Temperature	-30°C -60°C
IP Rate	IP 65; IP 67 optional
Vibrations	MIL-STD 810E

NATO Target (2.3mx2.3m)

>> For information on ordering please contact us or send an e-mail to: info@Secure-Marine.com. All specifications are subject to change without notice. March 2008. All rights reserved.

	Field of view HxV (Deg)	Detection (m)	Recognition(m)
Wide FOV - 45 mm	12 x 9	2,000	690
Narrow FOV - 135 mm	4 x 3	6,200	2,000

