

CASCADE LASER CORPORATION

FIND-R-SCOPE® Thermal Viewer/Camera P/N 89600

Product Information



Figure 1: *Thermal Viewer/Camera*

Notable Features:

- Lightweight & compact
- 320 x 240 solid state view finder & RS 170 video out
- Long battery life and single switch operation
- Economical, high resolution 7-14 micron viewing

The Find-R-Scope Thermal Viewer/Camera is a versatile, hand held, self contained instrument. It is ideal for surveillance, search and rescue, fire fighting, building inspection, industrial process control or monitoring, and military applications. All viewer/camera functions can be optimized through the optional RS-232/RS-485 serial interface and stored in non-volatile memory for portable use. The viewer/camera incorporates a solid state viewfinder. The viewer/camera is supplied with batteries, and a carrying case.

SPECIFICATIONS

Spectral Range :	7-14 μ
Sensor:	Amorphous Silicon Microbolometer
Focal Plane Array:	160x120 Pixel
Fill Factor :	75%
Display:	320x240 Pixel Solid State
Field of View:	17 degree x 12 degree
Lens:	25mm f/1.0
Input Voltage:	4.5 Volts (3 C-cells)
Input Power:	~1.2W
Output:	RS170
Output Interface	BNC Connector
Touch-UP*	Automatic and Manual
Video Polarity:	Manually Switchable
Operating Temp.	0 degree C to +60 degree C
Storage Temp.	-40 degree C to 80 degree C

* "Touch-UP Correction" improves the image for preset ambient temperature. This is not a uniformity calibration. In automatic mode it activates at preset time intervals.

Contact Cascade Laser Corporation for ordering information or to request a quotation on any of these products.

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*FIND-R-SCOPE® Thermal Viewer/Camera
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