

## FIND-R-SCOPE Long Distance Thermal Camera / Infrared Thermometer Model 85783



|                              |   |
|------------------------------|---|
| Field of View :              | 9.1° Horizontal x 6.8 ° Vertical                              |
| Focus/Lens:                  | Manual/Germanium  |
| Detector:                    | Uncooled Microbolometer Focal Plane Array<br>160 x 120 Pixels |
| Spectral Sensitivity :       | 8-14 microns  |
| Temperature Measuring Range: | 0° to 250°C, (32° to 482°F)                                   |
| Focal Range :                | 50cm, (19.68") to infinity (120cm for radiometry)             |
| Thermal Sensitivity          | 0.15°C @ 23°C ambient and 25 °C scene temperature             |
| Accuracy:                    | The greater of +/- 2°C or +/- 2% of reading in °C             |
| Radiometry :                 | Two movable Temperature Measurement Cursors plus delta T      |
| Display:                     | 8.89CM (3.5") Color LCD with LED Backlight and 5 Palettes     |
| Power:                       | Rechargeable Lithium Ion Cell                                 |
| Emissivity Correction:       | 0.2 to 1.0 in 0.01 increments with reflected ambient comp.    |
| External Connection::        | USB Port (cable & s/w included)                               |
| IP Rating:                   | IP42  |
| Mil Specs:                   | Vibration: MIL-PRF-28800F Class 2 Section 4.5.5.3.            |
|                              | Shock: MIL-PRF-28800F Class 2 Section 4.5.5.4.1               |
| Image Storage:               | Up to 20,000 images on supplied 2GB SD memory card            |

### Printer Friendly Version

The FIND-R-SCOPE 85783 is a self-contained, hand-held, fully radiometric long distance Infrared Imager.

- 9.1 degree x 6.8 degree FOV
- Large LED Backlit Color Display
- Lightweight & Self-Contained
- Measures as Low as 0C
- Measures as High as 250C
- Simple to Operate
- Standard Tripod Mount
- Built-in Laser Pointer
- Save up to 10,000 images on SD card
- Includes Ext. P.S./Charger.
- 6-hr. runtime Battery
- Includes Hard Side Case
- Lightweight
- 18-Month Limited Warranty

### Description:

The FIND-R-SCOPE® 85783 is an innovative hand-held, fully radiometric long distance Thermal Imager. It offers outstanding imaging and temperature measurement performance together with flexibility, ease of use and minimal cost. The 85783 is an IR Imager that is with its 9.1 x 6.8 degree field of view is ideal for utility pole applications, hunters, law enforcement, the thermographer and factory maintenance engineer alike. High quality 19,200 pixel thermal images may be captured and manipulated offline, or problems can be resolved on the spot. The camera features an industry leading 3 ½" display and delivers price and performance that is unique. The system includes the IR Camera with Rubber Boot, Rechargeable Lithium-Ion Battery, AC Adaptor, USB Cable, Temperature Range Filter, Operation Manual and Proprietary Reporting Software CD, Display Sun-Shield, Rugged Carrying Case, Wrist Strap, 2GB SD Memory Card, USB Card Reader and more.