

FIND-R-SCOPE Infrared Viewer Model 84499A AND 84499A-5



Field of View :	40°
Magnification:	~ 1:1
Spectral Sensitivity :	350-1350nm (1550nm for 8449A-5)
Lens:	Custom Infragon 25mm, f/1.0
Standard Focal Range :	100mm, (4") to infinity
Regions Displayed:	Near UV, Visible, Near-IR
Peak Sensitivity :	800nm
Resolution	70 Lines/mm, minimum
Display:	P20 Phosphor
Power:	(1) standard "C" cell alkaline battery
Battery Life :	>250-hours int., 375-hours continuous
Sensitivity Test :	See 1350nm, 400µW LED @ 8-ft. See 1550nm, 350 µW LED @ 8-ft.
Operating Temperature	-32° to 46°C, (-25 to 115°F)

Printer Friendly Version

The FIND-R-SCOPE 84499A is a self-contained, hand-held Infrared Viewer with a spectral sensitivity of 350-1350 nm (1550nm for 8449A-5).

- Lightweight
- Self-Contained
- UL Approved
- High-Resolution
- Custom f/1.0 Infragon Lens
- User Adjustable Eyepiece
- Standard Tripod Mount
- Accepts Optional Filters
- Accepts Close-up Lenses
- Accepts Optional Iris
- Accepts Optional CCD Mt.
- Includes Battery
- Includes Hard Side Case
- 18-Month Limited Warranty

Description:

The **FIND-R-SCOPE® 84499A and 8449A-5** is a self-contained, hand-held infrared viewer operating in the near-infrared region of the spectrum. A high-resolution image converter tube, and high voltage power supply combine with proprietary Infragon objective lens and other precision optics to permit a clear view of objects or images which can not otherwise be seen by the naked eye.

The FIND-R-SCOPE® has a wide variety of applications in many different industries. These applications are further expanded by taking advantage of the available accessories. *(See right border for most popular accessories for this unit.)* The optional close-up lens allows for viewing within 2" to align and verify fiber optic sources. The infrared filters increase the signal-to-noise ratio by blocking visible light while inspecting infrared emitting diodes, aligning laser systems and examining art and other historic or legal documents.

Other applications include low light surveillance, biological research, electrical maintenance, hot-spot detection, clinical medicine, and viewing in photographic darkrooms.