

FIND-R-SCOPE Infrared Viewer Model 84499 and 84499-5



Field of View :	40°
Magnification:	~ 1:1
Spectral Sensitivity :	350-1350 nm
Lens:	Custom Infragon 25mm, f/1.0
Standard Focal Range :	100 mm, (4") to infinity
Regions Displayed:	Near UV, Visible, Near-IR
Peak Sensitivity :	800 nm
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 1350 nm, 400µW LED @ 8-ft. See 1550 nm, 350 µW LED @ 8-ft.
Operating Temperature	-32° to 46°C, (-25 to 115°F)

Description:

The **FIND-R-SCOPE® 84499 and 84499-5** 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.

Purchase optional 85299 C-Mount adapter (*shown in right hand column*), for ability to use standard C-Mount lenses with this unit. Also see Technical Note TN-106 in the Technical Support section of this site for more info.

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.