

FIND-R-SCOPE Infrared Viewer with Illuminator Model 85100



The FIND-R-SCOPE 85100 is a self-contained, hand-held Infrared Viewer with a built-in LED Illuminator, an extended spectral sensitivity of 350-1350 nm, and optional C-mount capability. Note: The 85100 replaces the discontinued model 85100A.

The FIND-R-SCOPE® 85100 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. It features a removable lens mount that can be replaced with part 85299 to accept standard C-mount lenses. The unit also includes a permanently mounted 940 nm LED source for target illumination.

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. 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.