FJW Optical Systems, Inc.
Palatine, Illinois USA

FIND-R-SCOPE®

FIND-R-SCOPE Helmet-Mounted IR Viewer with IR Light Source Model 85051

Field of View:	40°
Infrared Source:	Incandescent w/ 780 nm LP Filter
Spectral Sensitivity:	350-1350nm
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:	(2) standard "C" cell alkaline batteries
Battery Life : (Viewer)	>250-hours int., >375-hours continuous
Sensitivity Test :	See 1350nm, 400µW LED @15-ft.
Operating Temperature:	-32° to 46°C, (-25 to 115°F)

The FIND-R-SCOPE 85051 is a self-contained, hands-free, Helmet-Mounted Infrared Viewer with a spectral sensitivity of 350-1350 nm. This model includes an Infrared Light Source. Note: The 85051 replaces the discontinued model 85051A.

- Hands-Free
- Lightweight
- Self-Contained
- UL Approved
- High-Resolution
- Custom f/1.0 Infragon Lens
- User Adjustable Eyepiece
- Simple to Operate
- Accepts Optional Filters
- Accepts Optional Lenses
- Accepts Optional Iris
- Includes Battery
- 18-Month Limited Warranty

The FIND-R-SCOPE® 85051 is a self-contained, hands-free, Helmet-Mounted Infrared Viewer operating in the near-infrared region of the spectrum. A high-resolution image converter tube and high voltage power supply combine with precision optics to permit a clear view of objects or images which can not otherwise be seen by the naked eye. This model includes an Infrared Light Source consisting of an incandescent source filtered by a 780 nm longpass filter.

Popular applications for this product include:

Photography - Hands-free darkroom maintenance and observation of undeveloped film during the coating,cutting,splicing and development processes.

Forensic Science - Document investigation and analysis to detect fingerprnts, counterfeiting, forgrries, defects, erasures, overwriting and ink differentiation.

Biology/Medicine - Infrared examination of pupillary activity, retinal response, tissue and vein conditions and cellular constituents.

FJW Optical Systems, Inc. · 322 Woodwork Lane · Palatine, IL 60067-4933 · Tel: 847-358-2500 · Fax: 847-358-2533
E-Mail: irsales@findrscope.com · Web site: www.findrscope.com