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High Sensitivity, Handheld IR Viewer, 400-1700nm, 1X Magnification

Stock **#72-756** **3 In Stock**

- 1 + **C$3,780**.00

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Qty 1-4	**C$3,780.00** each
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General

Operating Lifetime (hours):
11

Field of View (°):
38

Note:
The thread on the lens and viewer is C-mount.

Physical & Mechanical Properties

Dimensions (inches):
153 x 175 x 51

Weight (g):
360

Optical Properties

Magnification:
1X

Resolution:
30 Lp/mm

Spectral Response (nm):
400 - 1700

Focus Range (mm):
0.1 to ∞

Environmental & Durability Factors

Operating Temperature (°C):
-10 to +40

Regulatory Compliance

Certificate of Conformance:
View

Product Details

- Indirectly View IR Light Sources and Lasers
- Bright, High Contrast Images
- Suitable for CW or Ultrafast Laser Inspection

Handheld Infrared (IR) Viewers are available in three sensitivity ranges for infrared detection up to 1300nm, 1700nm, or 2000nm. Otherwise invisible IR wavelengths are viewable as a green fluorescent image through the included eyepiece by employing a proprietary high resolution image converter and photocathode arrangement to produce a visible image from infrared radiation. Each IR Viewer includes a C-mount objective lens for macro viewing (except #72-754 and #72-755, which are M28 x 0.75mm threaded) and Edmund Optics offers a wide range of available C-mount lenses for alternate working distance or fields of view requirements. A ¼-20 mount in the base of the handle allows for easy positional adjustment and easy integration with benchtop or tripod mounted systems. Handheld Infrared (IR) Viewers allow viewing of CW laser radiation as well as ultrafast pulsed laser radiation with pulse durations from ps to µs without synchronization. These IR Viewers are ideal for applications such as IR laser alignment, semiconductor wafer inspection, identifying faults in fiber systems, aligning laser cavities, inspecting food and fluids, and IR light visualization in biological, medical, and electronic applications.

Note: These products are not intended for direct beam viewing or viewing “mid air” beams as over exposure can damage the optics. For best results with an IR laser source, view a diffuse source, such as a detection card in the beam path.

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