COMING SOON!

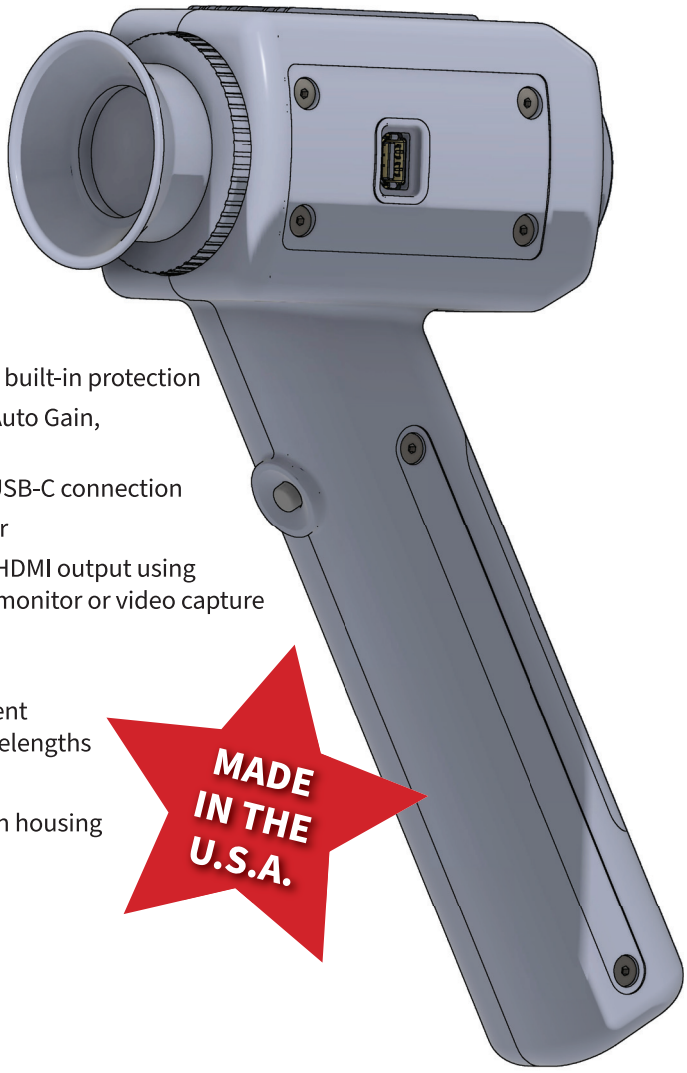
FJW OPTICAL

FINDRSCOPE® SWIR-View

The **FINDRSCOPE® SWIR-VIEW** is a compact, handheld, ergonomic, battery-powered viewer designed for quick, reliable inspection across the 400-1700nm wavelength range. It features an integrated display and digital video output, and delivers high-clarity imaging in a fully portable form. The SWIR-VIEW includes a rechargeable battery with USB-C charging and a SWIR-optimized objective lens for maximum performance.

SPECIFICATIONS

Sensor	InGaAs
Spectral Response	400 to 1700nm
Detector Resolution Matrix	VGA, 640 x 480
Pixel Size	5 x 5 microns
Frame Rate	30 Hz
Imaging Mode	Global Shutter
Onboard Display	VGA, OLED MicroDisplay
Display Color	Monochrome B/W
Power Source	Rechargeable Lithium-Ion battery with built-in protection
USB3 Configuration Port	User accessible configuration of Gain/Auto Gain, contrast, and Auto Power-Off features.
Charging Capability	1. Internal charger powered by external USB-C connection 2. Included free-standing external charger
Video Output	Mini DisplayPort. Can be converted to HDMI output using included external adapter for external monitor or video capture
Lens Mount	Accepts M12 and C / CS-Mount Lenses. M12 to C-Mount adapter included
Objective Lens Included	Custom M12, 4.3mm EFL, F1.5, 8-Element focusable lens optimized for SWIR wavelengths
Threaded Filter Mount	M27mm filter mount
Cooling	Passive cooling via integral fins on main housing
Warranty	Limited, 1-year
Dimensions	178mm (H) x 127mm (W) x 51mm (D), 7”(H) x 5” (W) x 2” (D)
Weight	249 grams, (8.8 ounces)



MADE IN THE U.S.A.

APPLICATIONS

- SWIR imaging for high-contrast material differentiation
- Laser beam alignment and profiling
- LiDAR system alignment and optical validation
- Ability to see through fog, rain, snow and haze
- Thermal imaging of glass and metal above 250°C
- Silicon wafer inspection
- Silicon crystal and ingot evaluation
- Photovoltaic cell and panel inspection
- Imaging fill levels in plastic containers
- Fruit and vegetable quality assessment
- Agricultural crop and field analysis
- Monitoring small animals and biotech specimens
- Examination of paintings, pigments and artwork
- Analysis of legal and historic documents

LEARN MORE

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