

Ruby

IRZOOM.COM

Compact Infrared Zoom, 20mm – 320mm (40 - 640mm with Optional 2X Extender)

Introducing the Ruby, a highly compact infrared zoom lens with big power. The Ruby's small profile and impressive 16x continuous zoom, ranging from 20mm - 320mm, make it ideally suited for situations where clear day/night vision and power are needed, but size or weight is a consideration.



Capabilities

- Compact size and shape
- Lightweight - weighs just over 1 lb (520g)
- Optional 2X Extender changes this lens from 20 - 320mm to 40 - 640mm
- Adjusted for maximum performance over a 12.3 mm diagonal
- CPU-controlled, with integral optical NUC and auto thermal compensation
- Obtain high detail infrared imagery, day or night
- Mid wave infrared offers the ability to see clearly through fog, for land or sea rescue and surveillance operations
- Configurable for any mission profile

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IRZoom.com is a division of Computer Optics, Inc (COI), a world leader in infrared zoom lens technology. We offer a full range of stock and custom infrared zoom lenses, as well as integrated camera systems, for the most demanding applications. Our company is veteran-owned, and our facilities are US MILSPEC-certified. We are proud of our long history of collaboration with all branches of the US military, NASA and the world scientific community.



光技術をサポートする

株式会社オプトサイエンス

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MWIR 16x 20 - 320mm

Specs

Lens Type	Continuous Zoom
Spectrum	Mid Wave Infrared (MWIR)
Zoom/Focal Range	20mm - 320mm 40mm - 640mm with 2X Extender
Zoom Control	Motorized
Aperture	f/5.5
Field of View	HFOV: 1.72° - 27.6° (.86° - 13.8° with 2X Ext) VFOV: 1.37° - 21.9° (.68° - 10.9° with 2X Ext) (using 9.6x7.68mm detector)
Image Diagonal	12.3mm
Dimensions	L: 3.2" (80mm) D: 2.6" (67mm)
Weight/Mass	1.2 lbs (.544kg)
Temperature	-22°F to +122°F (-30°C to +50°C)
Controller	RS-232 / RS-422 Programmable Controller
Power Input	12VDC, 1A
Mount	Custom Mounting Open Frame Configuration Only ICD Available Upon Request