

Virotutis-S

LWIR f/1.25
2-Position Stepped Zoom 33mm/99mm

IRZOOM.COM

LWIR 2-Position Stepped Zoom 33mm/99mm

The compact Virotutis-S is meant for larger format long wave infrared (LWIR) cameras. With a 20mm image diagonal and compact size, this two-position stepped IR zoom lens transitions between 33mm and 99mm with a simple twist.

Capabilities

- 20mm image diagonal
- High speed, high-sensitivity lens (f/1.25), excellent in low-signal situations
- High transmission (T#)
- Lightweight and compact
- Long wave infrared imaging offers clear visibility through smoke or fine particulate matter
- Standard with Athena control card, GUI and protocol.
- 1-second switching time between FOVs
- Fits Photon 640 x 480 x 25 micron cameras and new 17-micron 640 cameras



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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.

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Specs

Lens Type:	Stepped Zoom
Spectrum:	Long Wave Infrared (LWIR)
Spectral Range:	8μm - 12μm
Focal Length:	33mm / 99mm
Zoom Control:	Motorized
Focus Control:	CPU Controlled Motorized
Aperture:	f/1.25
Aperture Control:	Fixed
Field of View:	HFOV: 9.2° - 27.7° VFOV: 6.9° - 20.8°
Image Diagonal:	20mm
Dimensions:	L: 4.3" (110.2mm) H: 4.4" (111mm) W: 3.9" (100.1mm)
Weight/Mass:	1 lb 12oz (.79kg)
Temperature:	-22° to +122°F (-30° to + 50°C)
Matched to:	Photon 640
Mount:	Custom to Spec
Part Number:	COI-VIRO-LWIR-S-33-3

Virotutis is the Celtic name for the sun god Apollo, who is often referred to as Apollo Virotutis, 'the benefactor of mankind.' This deity was physically beautiful and supremely talented (he was the god of light, truth, archery, music, medicine and healing), but unlucky in love.