

# Mithras 25

LWIR f/1.25  
20 - 60mm 3X Continuous IR Zoom

Mithras-25 LWIR 20 - 60mm 3X Continuous IR Zoom

## LWIR 20 - 60mm 3X Continuous IR Zoom

Ideal for search and rescue or surveillance, the compact long wave Mithras 25 was developed for 25 $\mu$ m pixel cameras. Its ability to see through smoke and fine particulate dust make this small lens ideal for fire, police and military operations.

### Capabilities

- Obtain long wave infrared imagery, day or night
- Continuous zoom from 20mm to 60mm
- Long wave imagery allows visibility through smoke or fine dust particulate
- Quiet operation
- Compact size and weight
- Standard with Athena control card, GUI and protocol.



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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

<b>Lens Type:</b>	<b>Continuous Zoom</b>
<b>Spectrum:</b>	<b>Long Wave Infrared (LWIR)</b>
<b>Spectral Range:</b>	<b>8<math>\mu</math>m - 12<math>\mu</math>m</b>
<b>Zoom/Focal Range:</b>	<b>20mm - 60mm</b>
<b>Zoom Control:</b>	<b>Motorized</b>
<b>Focus Control:</b>	<b>Motorized</b>
<b>Aperture:</b>	<b>f/1.25</b>
<b>Aperture Control:</b>	<b>Fixed</b>
<b>Field of View:</b>	<b>HFOV: 5.18° - 15.54°</b> <b>VFOV: 7.78° - 23.34°</b>
<b>Image Diagonal:</b>	<b>12mm</b>
<b>Dimensions:</b>	<b>L: 4.6" (116.1mm)</b> <b>H: 2.8" (72.1mm)</b> <b>W: 2.8" (72.1mm)</b>
<b>Weight/Mass:</b>	<b>1 lb 10oz (.74kg)</b>
<b>Temperature:</b>	<b>-22° to + 122°F (-30° to + 50°C)</b>
<b>Matched to:</b>	<b>FLIR Tau 320 (25<math>\mu</math>m pixel)</b>
<b>Mount:</b>	<b>Custom to Spec</b>
<b>Part Number:</b>	<b>COI-MITHRAS25-LWIR-C-20-3</b>

*Among ancient Persians, Mithras (also known as Mithra) was both the god of, and the personification of, light and the sun. As the giver of Earth's life, Mithras was considered a deity of benevolence, and is widely regarded as one of Ancient Persia's chief deities.*