

# Belenus

LWIR f/1.46  
Passive Athermalized Lens 7.33 EFL

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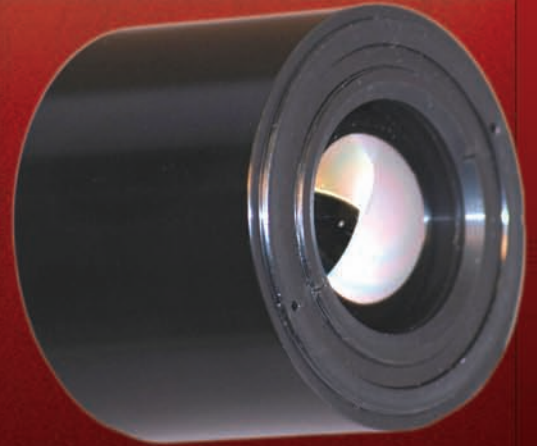
Belenus LWIR Passive Athermalized Lens 7.33 EFL

## LWIR Passive Athermalized Lens 7.33 EFL

The athermalized Belenus is uniquely designed to stay in focus without any motors, and it does so across a 70-degree (F) temperature range. With a 105° horizontal field of view, the Belenus gives its user an extremely wide angle, making it an excellent tool for situational awareness and surveillance.

### Capabilities

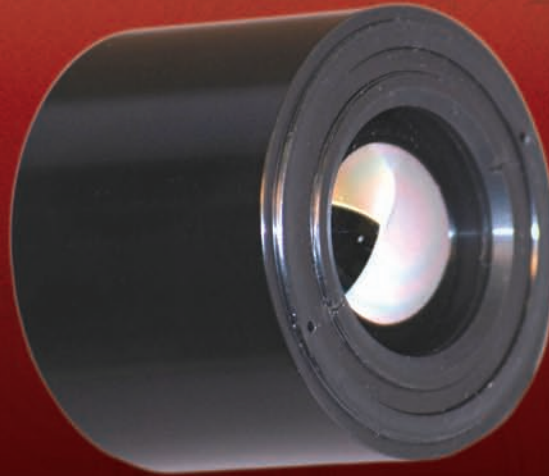
- Athermalized to retain focus without user adjustment
- Compact size: 2.5" x 2.2"
- Lightweight
- Extremely wide field of view
- No motors
- Long wave infrared imaging offers clear visibility through smoke and fine particulate dust



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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>Fixed Focal Length</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>7.33 EFL</b>
<b>Aperture:</b>	<b>f/1.46</b>
<b>Aperture Control:</b>	<b>Fixed</b>
<b>Field of View:</b>	<b>HFOV: 105° VFOV: 96°</b>
<b>Image Diagonal:</b>	<b>12.3mm</b>
<b>Dimensions:</b>	<b>L: 2.2" (55.1mm) H: 2.5" (63.5mm) W: 2.5" (63.5mm)</b>
<b>Weight/Mass:</b>	<b>12 oz (.34kg)</b>
<b>Temperature:</b>	<b>+50° to +122°F (+10° to +50°C)</b>
<b>Matched to:</b>	<b>FLIR Photon 640</b>
<b>Mount:</b>	<b>Custom to Spec</b>
<b>Part Number:</b>	<b>COI-BELENUS-S-7.33-1</b>

*Belenus was a Celtic god of light whose name is said to mean "the shining one," "to shine" or "brilliant." He was worshipped by Celtic peoples, and also in Gaul, Britain, and Celtic areas of Australia and Spain. Many scholars believe that Belenus and Apollo are one in the same.*