

# ER-CIZ MWIR f/4

## 22X Compact IR Zoom 15 - 330mm

IRZOOM.COM

### MWIR 22X Compact IR Zoom 15 - 330mm

The world's first commercially available 22x compact MWIR lens, the ER-CIZ boasts an extraordinary 15 - 330mm focal range. Small and lightweight, this extended range compact infrared zoom lens offers big imaging power, day or night.



### Capabilities

- 22X IR Zoom is unmatched in the industry
- Designed for MWIR f/4 cameras
- Compact and lightweight
- 5 preset FOVs for targeting and calibration
- Adjusted for maximum performance over a 12.3mm diagonal
- Standard with Athena control card, GUI and protocol.
- High detail infrared imagery, day or night
- Mid-wave infrared offers the ability to see clearly through fog, for land and sea surveillance and rescue operations
- Configurable for any mission profile

**(603) 889-2116 • www.IRZoom.com • info@IRZoom.com**

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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<http://www.optoscience.com>

東京本社 〒160-0014 東京都新宿区内藤町1番地 内藤町ビルディング  
TEL:03(3356)1064 FAX:03(3356)3466 E-mail:info@optoscience.com  
大阪支店 〒532-0011 大阪市淀川区西中島7-7-2 新大阪ビル西館  
TEL:06(6305)2064 FAX:06(6305)1030 E-mail:osk@optoscience.com  
名古屋営業所 〒450-0002 名古屋市中村区名駅2-37-21 東海ソフトビル  
TEL:052(569)6064 FAX:052(569)8064 E-mail:ngo@optoscience.com

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Specs

|                          |   |
|--------------------------|---|
| <b>Lens Type:</b>        | <b>Continuous Zoom</b>  |
| <b>Spectrum:</b>         | <b>Mid Wave Infrared (MWIR)</b>   |
| <b>Spectral Range:</b>   | <b>3.4<math>\mu</math>m - 5.1<math>\mu</math>m</b>                          |
| <b>Zoom/Focal Range:</b> | <b>15mm - 330mm</b>   |
| <b>Zoom Control:</b>     | <b>Motorized</b>  |
| <b>Focus Control:</b>    | <b>Motorized</b>  |
| <b>Aperture:</b>         | <b>f/4</b>  |
| <b>Aperture Control:</b> | <b>Fixed</b>  |
| <b>Field of View:</b>    | <b>HFOV: 1.67° - 36.67°</b><br><b>VFOV: 1.25° - 27.5°</b>                   |
| <b>Image Diagonal:</b>   | <b>12.3mm</b>   |
| <b>Dimensions:</b>       | <b>L: 4.9" (124mm)</b><br><b>H: 4.3" (108.5mm)</b><br><b>W: 3.8" (96mm)</b> |
| <b>Temperature:</b>      | <b>-22° to +122°F (-30° to +50°C)</b>                                       |
| <b>Matched to:</b>       | <b>Pelican 640 x 512 SCD Array</b>  |
| <b>Mount:</b>            | <b>Custom to Spec</b>   |
| <b>Part Number:</b>      | <b>COI-ERCIZ-C-15-22</b>  |