

7X High Precision Zoom Lens Starter Kit



Photo represents an example of a complete Zoom Lens. See table below for contents of each kit.

Stock **#16-350** [CONTACT US](#)

⊖ 1 ⊕ **A\$4,432⁰⁰**

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| | |
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| Qty 1+ | A\$4,432.00 each |
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Product Downloads

General

High Magnification Zoom Lens **Type:**

See Technical Information Tab **Contents of Kit:**

Optical Properties

7.9 - 1.1 **Horizontal Field of View, 2/3" Sensor:**

5.7 - 0.83 **Horizontal Field of View, 1/2" Sensor:**

Horizontal Field of View, 1/3" Sensor:
4.3 - 0.62

Zoom Ratio:
7.5:1

Primary Magnification PMAG:
0.84X - 5.8X

Working Distance (mm):
95

Depth of Field (mm):
1 - 0.094

Numerical Aperture (NA) Range:
0.024 - 0.078

Sensor

Maximum Sensor Format:
2/3"

Threading & Mounting

Mount:
C-Mount

Regulatory Compliance

Certificate of Conformance:
[View](#)

Product Details

- Preconfigured Precision Zoom Kits
- 7X and 12.5X Magnification
- 12.5X Version Allows for Fiber Optic Inline Illumination Mounted with [SX Adapters](#)
- Manual and Motorized Versions Available

7X and 12.5X High Precision Zoom Lens Kits feature either a basic starter kit for easy system integration or an advanced kit for added system flexibility. The 7X Precision Zoom Starter Kit includes all the components required to set-up a modular lens system including a camera mount, camera tube, core optical module, lower function module, and lower lens. The 12.5X Precision Zoom Lens Advanced Kit increases the magnification range to 12.5X while adding in-line illumination. For added versatility, each kit can be expanded with [additional optional components](#) to match your unique application.

Technical Information

| 7X PRECISION ZOOM LENS STARTER KIT (#16-350) | | |
|--|-------------------------|-----------------------------------|
| QTY. | Stock No. | Description |
| 1 | #89-860 | C-Mount Camera Adapter |
| 1 | #89-873 | 1.0X Mini-Camera Tube |
| 1 | #89-879 | 7X Zoom Module, Manual w/ Detents |
| 1 | #89-885 | Basic Lower Module, No Focus |
| 1 | #89-901 | 2.0X Lower Lens |

12.5X PRECISION ZOOM LENS ADVANCED KIT (#16-351)

| QTY. | Stock No. | Description |
|------|-------------------------|---|
| 1 | #89-860 | C-Mount Camera Adapter |
| 1 | #89-873 | 1.0X Mini-Camera Tube |
| 1 | #89-901 | 2.0X Lower Lens |
| 1 | #89-882 | 12.5X Zoom Module, Manual w/Detents |
| 1 | #53-047 | C-Mount Light Guide Mounting Adapter |
| 1 | #89-890 | Lower Module w/ In-Line Illumination & 5mm Manual Focus |
| 1 | #89-911 | Camera Tube Mounting Clamp |

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