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Objective MX-2

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#56-013 + #86-888



Stock #56-015 [CONTACT US](#)

- 1 + C\$903⁰⁰

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General

Lens Accessory **Type:**

Sensor

Maximum Sensor Format:
2/3"

Threading & Mounting

C-Mount

Mount:

Regulatory Compliance

Compliant

RoHS 2015:

Compliant

Reach 224:

[View](#)

Certificate of Conformance:

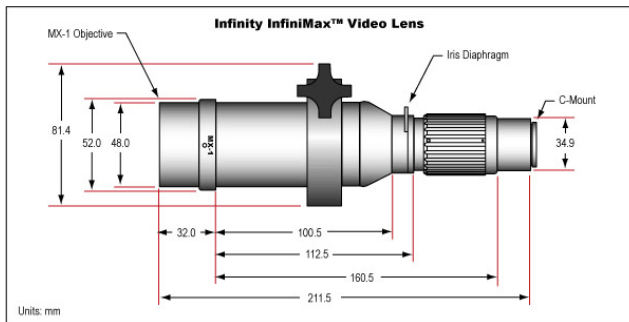
Product Details

- Manual Iris
- Objective Options Giving PMAG 0.58X – 2.9X
- Clamp offers 1/4-20 mounting hole
- Optional [LDL](#) Tubes Double Magnification
- Requires the Use of an MX Objective

InfiniMax™ is the newest addition to Infinity Photo-Optical's line of imaging lenses designed specifically for machine vision applications. Using a patented internal focusing system, the InfiniMax™ is able to provide constant magnification over a working distance range. (Using MX-3 through MX-6 objectives only. Working distance range varies by objective.) The MX-1 and MX-2 provide fields of view on the order of 10mm at distances over 10" away, but do not provide constant magnification over the working distance range. The included variable iris diaphragm can be used to adjust light intensity and increase depth of field. Interchangeable objectives thread onto main body. [LDL](#) and [LFA](#) adapters connect directly to C-Mount. LFA provides coverage for large format cameras (F-Mount adapter included, 24 x 36mm max sensor).

Note: The InfiniMax® requires the use of an MX objective below.

Technical Information



| Objective | MX-1 | MX-2 | MX-3 | MX-4 | MX-5 | MX-6 |
|-----------------------------------|---------------|--------------|-------------|-------------|-------------|-------------|
| Primary Magnification | 0.58 - 0.64X | 0.78 - 0.81X | 1.00X | 1.16X | 1.42X | 2.90X |
| Field of View (1/2" Sensor Horiz) | 11.1 - 10.1mm | 8.2 - 7.9mm | 6.4mm | 5.5mm | 4.5mm | 2.2mm |
| Working Distance | 381 - 315mm | 285 - 250mm | 194 - 174mm | 181 - 164mm | 146 - 134mm | 68 - 65mm |
| Size (Max Diameter x L) | 52 x 32mm | 52 x 32mm | 52 x 64mm | 52 x 32mm | 52 x 32mm | 52 x 26.2mm |