

Video Lens - Infinimax Main Body

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#56-013 + #86-888

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General

Type:

Long Distance Microscope

Optical Properties

Objective Required

Primary Magnification PMAG:

Sensor

Maximum Sensor Format:

2/3"

Threading & Mounting

C-Mount	Mount:
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Regulatory Compliance

Compliant	RoHS 2015:
Compliant	Reach 224:
View	Certificate of Conformance:

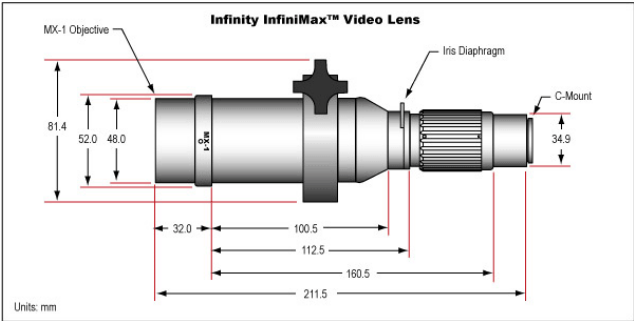
Product Details

- 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-Mbunt 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