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Alpha - Standard, Infinimite Video Lens

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MRP ₹1,17,882

Price inclusive of all taxes

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General

Type:

Variable Magnification Lens

Physical & Mechanical Properties

Length (mm):

63.00

Maximum Diameter (mm):

35.0

Optical Properties

Horizontal Field of View, 1/2" Sensor:
8.5 - 80mm

Horizontal Field of View, 1/3" Sensor:
6.4 - 60mm

System Magnification:
31X - 3.3X, 1/2" Sensor and 13" Monitor

Primary Magnification PMAG:
0.75X - 0.08X

Working Distance (mm):
25 - ∞

Sensor

Maximum Sensor Format:
2/3"

Threading & Mounting

Filter Thread:
M27 x 0.75

Mount:
C-Mount

Regulatory Compliance

RoHS 2015:
Compliant

Reach 224:
Compliant

Certificate of Conformance:
View

Country of Origin:
United States

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
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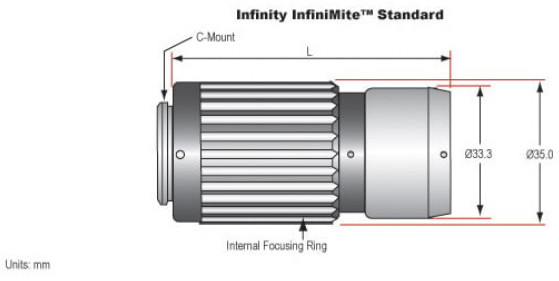
Product Details

- 3 Primary Magnification Range Options
- Working Distance from 25mm to Infinity
- Optional LDL Doubler Tube Boosts Magnification 2X

The InfiniMite™ Imaging Lenses are available in 3 lens power ranges. The standard version uses an integral focus lock as a friction brake to lock the magnification/focus setting in place. Designed with input from specialists in the field, its miniature size allows the InfiniMite™ to be integrated into a wide variety of electronic imaging conditions. The length of the lens does not change when focusing. InfiniMite™ Imaging Lenses were designed to provide specific working distance and field of view combinations when using 1/3" format sensors, but the lenses can be used with sensors up to 2/3" format.

The main lens, the Alpha, covers a 0.75- 0.08X range for macro use, whereas the Beta and Gamma versions offer a working distance (WD) shift from the high-magnification end of the Alpha. For example, with a ½" sensor, the Alpha gives a ½" field of view (FOV) at 40mm WD at 0.5X Lens magnification (PM); at the same PM & FOV, the Beta has a 60mm WD and the Gamma has a 122mm WD. The three lens options offer unprecedented flexibility in system integration.

Technical Information



Working Distance	25mm	40mm	60mm	80mm	170mm	230mm	295mm
Primary Magnification	0.75X	0.50X	0.33X	0.25X	0.13X	0.10X	0.08X
Field of View, ½" Sensor Horiz.	8.5mm	12.8mm	19.4mm	25.6mm	51.2mm	64.0mm	80.0mm
Field of View, 1/3" Sensor Horiz.	6.4mm	9.6mm	14.5mm	19.2mm	38.4mm	48.0mm	60.0mm

Working Distance	55mm	60mm	90mm	120mm	240mm	317mm	400mm
Primary Magnification	0.66X	0.50X	0.33X	0.25X	0.13X	0.10X	0.08X
Field of View, ½" Sensor Horiz.	9.7mm	12.8mm	19.4mm	25.6mm	49.2mm	64.0mm	80.0mm
Field of View, 1/3" Sensor Horiz.	7.3mm	9.6mm	14.5mm	19.2mm	36.9mm	48.0mm	60.0mm

Working Distance	122mm	165mm	213mm	396mm	515mm	640mm
Primary Magnification	0.50X	0.33X	0.25X	0.13X	0.10X	0.08X
Field of View, ½" Sensor Horiz.	12.8mm	19.4mm	25.6mm	51.2mm	64.0mm	80.0mm
Field of View, 1/3" Sensor Horiz.	9.6mm	14.5mm	19.2mm	38.4mm	48.0mm	60.0mm

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