
Entocentric Lens - VCH 1.4/6 - CC0614A-2M

Short description: entocentric lens, sensor max. 2/3", F1.4, focal length 6 mm, MOD 100 mm

Order number: 2-10-197



Characteristics

- manually adjustable lens with fixed focal length for C and CS mount cameras
 - for close-up imaging with 2 megapixel CCD and CMOS sensors
 - sharp, high-resolution, high-contrast images from center to corners of the image
 - extremely low distortion, suitable for image measurement
 - increased light distribution
 - Shortened MOD (Minimum Objective Distance) for even better close-up imaging without the need for distance rings
 - compact design, robust and durable
 - 3 fixing screws each (plus 2 knurling screws) for focus and iris - suitable for applications with vibrations and acceleration
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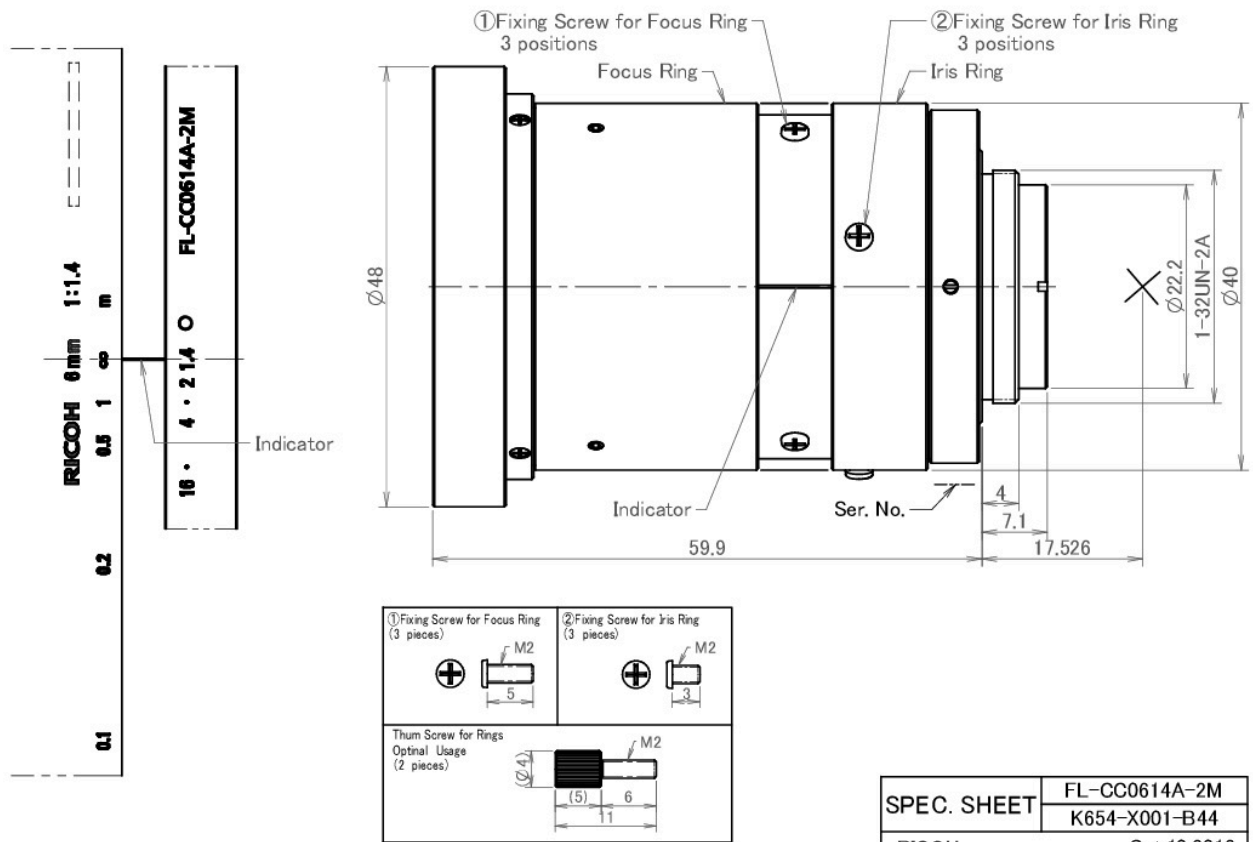
Technical data

Focal length	6 mm
F-number	1.4 - 16C
MOD	0.1 m
Sensor size (max)	2/3"
Pixel size (min)	5.39 μm
Resolution	2 MPixel
Angle of view with:	
• 2/3" sensor	72.5° x 57.6° x 85°
• 1/1.8" sensor	61.9° x 48.4° x 73.2°
• 1/2" sensor	56.1° x 43.6° x 67.3°
• 1/3" sensor	43.6° x 33.3° x 54.6°
• 1/4" sensor	31.6° x 20.7° x 37.2°
Lens length	59.9 mm
Lens diameter (max)	48.0 mm
Lens mount	C-Mount
Filter thread object-side	M46 x 0.5
Weight	149 g
Ambient temperature	-20°C bis +50°C

Accessories for Entocentric Lenses - VCH 1.4/6 - CC0614A-2M

Order number	Title	Description
<i>Extension tubes</i>		
2-90-415	Extension ring 0.5 mm	26 x 31 x 0.5 reduces the minimum object distance (MOD)
2-90-416	Extension ring 1.0 mm	26 x 31 x 1.0 reduces the minimum object distance (MOD)
2-90-410	Extension tube set C-mount	consist of extension rings with each 0.5 mm, 1 mm, 5 mm, 10 mm, 20 mm and 40 mm
<i>Lens adapter c-mount</i>		
2-90-414	CS to C-mount adapter 5.0 mm	for connecting C-mount lenses with CS-mount cameras, length: 5 mm

Drawings



Dimensional drawing in mm