



The Ricoh FL-BC5024-9M is a **50mm lens** FA lens compatible with 1" to 1/3" camera sensors with a resolution up to 9MP. It exhibits excellent performance in capturing high definition images right from the center to the periphery of the image. The FL-BC5024-9M is compact lens (42 x 69mm) and weighs just 166 grammes.

A floating mechanism allows the capture of high-resolution, low-distortion images at all ranges. The lens demonstrates maximum performance at any magnification or working distance from infinity right down to 200mm and is ideal for a wide range of applications:

- Industrial Imaging & factory automation
- Measurement and inspection applications
- Line-scan cameras and sensors up to 16mm long
- Broadcast and film
- and many other applications.

Please contact SeeSense for further details of all the HD compatible C and CS-mount lenses we offer:

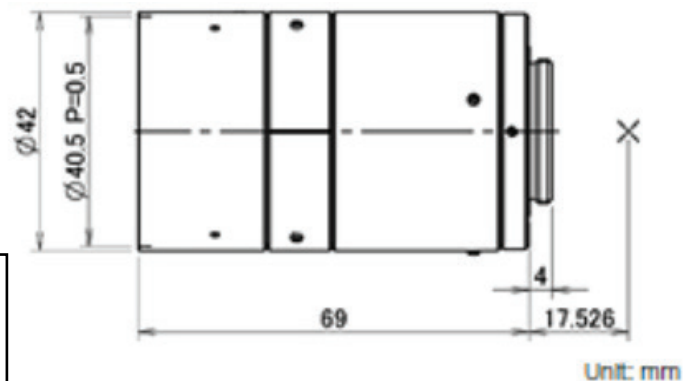
[www.seesense.eu](http://www.seesense.eu) [nigel@seesense.eu](mailto:nigel@seesense.eu)

### Features:

- **50 mm lens**
- **9 Megapixel Resolution**
- Also suitable for 4 and 6 MP cameras
- Integrates with 1" to 1/3" camera sensors
- Sharp high contrast low distortion images
- 200mm M.O.D. is superior to using close up rings
- Floating focus mechanism
- Robust, precise and reliable mechanics
- Compact design
- Weight 166 grammes

### Specification:

Focal Length	50mm
Image Format	1" (13.2 x 8.8mm)
Adjustment	Manual iris and focus adjustment
Maximum Aperture	F2.4
Aperture Range	F2.4 ~ 22 (with detente)
Horizontal Angle of View	1" = 14.6°, 2/3" = 10.1°, 1/1.8" = 8.2°, 1/2" = 7.3°, 1/3" = 5.5°
Focussing Range	∞ - 0.20m (from Front of Lens)
Minimum Object Distance	200mm
Resolution	9 MP - compatible with 3.69µm pixel pitch 135 lp/mm to periphery
Back Focal Length	18.8mm
Locking Screws	For focus and iris
Filter Thread	40.5mm x 0.5mm
Mount	C-mount (metal)
Flange Back Distance	17.526mm (in air)
Weight (g)	166 grammes
Dimensions	42.0mm (Diameter) x 69mm (Length)



Unit: mm

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