

JavaScript is not activated: Please activate JavaScript in your Browser to use this website without restrictions.

This website may place cookies on your computer to help us improve your personal user experience. Please read our [privacy policy](#) to learn more about cookies.

Accept Cookies

RICOH IMAGING

English

- [Deutsch](#)
- [English](#)
- [Francais](#)
- [Italiano](#)

Search

txt_search_go

[txt_search_go](#)

- [Products](#)
 - [Lenses](#)
 - [Accessories](#)
 - [Work Assistance Camera System](#)
 - [Lens Selector](#)
 - [Product Search](#)
 - [Product Comparison](#)

[Close](#)

- [Support](#)
 - [Download](#)
 - [Technical Information](#)
 - [Newsletter](#)

[Close](#)

- [About us](#)
 - [About us](#)
 - [News](#)
 - [Contact](#)

[Close](#)

1. [Home](#)
2. >[Products](#)
3. >[Lenses](#)
4. >[9 Megapixel \(1”\) Lenses, 12 Megapixel \(1.1”\) Lenses](#)

[Back](#) [Print page](#) [Save page as PDF](#)

9 Megapixel (1”) Lenses, 12 Megapixel (1.1”) Lenses

This series are developed to be used with 1” format sensor like Sony IMX183, IMX255, IMX267, IMX305 and 1.1” format sensor like Sony IMX253, IMX304.

1. ~~9MP (1”) Lenses, 12 Megapixel (1.1”) Lenses~~ 9-Megapixel (1”) Lenses, 12 Megapixel (1.1”) Lenses

FL-BC1220-9M

- 9MP (1") 12MP (1.1")
- Format 1" (1.1")
- f=12.0 mm
- F2 - 16

2. ~~9MP (1”) Lenses, 12 Megapixel (1.1”) Lenses~~ 9-Megapixel (1”) Lenses, 12 Megapixel (1.1”) Lenses

FL-BC1618-9M

- 9MP (1") 12MP (1.1")
- Format 1" (1.1")
- f=16.0 mm
- F1.8 - 16

3. ~~9MP (1”) Lenses, 12 Megapixel (1.1”) Lenses~~ 9-Megapixel (1”) Lenses, 12 Megapixel (1.1”) Lenses

FL-BC2518-9M

- 9MP (1") 12MP (1.1")
- Format 1" (1.1")
- f=25.0 mm
- F1.8 - 16

4. ~~9MP (1”) Lenses, 12 Megapixel (1.1”) Lenses~~ 9-Megapixel (1”) Lenses, 12 Megapixel (1.1”) Lenses

FL-BC3518-9M

- 9MP (1") 12MP (1.1")
- Format 1" (1.1")
- f=35.0 mm
- F1,8 - 22

5. ~~9MP (1”) Lenses, 12 Megapixel (1.1”) Lenses~~ 9-Megapixel (1”) Lenses, 12 Megapixel (1.1”) Lenses

FL-BC5024-9M

- 9MP (1") 12MP (1.1")
- Format 1" (1.1")
- f=50.0 mm
- F2,4 - 22

6. ~~9MP (1”) Lenses, 12 Megapixel (1.1”) Lenses~~ 9-Megapixel (1”) Lenses, 12 Megapixel (1.1”) Lenses

FL-BC7528-9M

- 9MP (1") 12MP (1.1")
- Format 1" (1.1")
- f=75.0 mm

- [F2.8 - 32](#)

7. [9 Megapixel \(1"\) Lenses, 12 Megapixel \(1.1"\) Lenses](#)

[C99204](#)

- [9MP \(1"\) 12MP \(1.1"\)](#)
- [Format 1" \(1.1"\)](#)
- [f=12.0 - 75.0 mm](#)

The lenses are not only optimised for high image quality, but also for use in harsh environments and durable industrial systems.

These RICOH lenses are equipped with locking screws, to prevent unintended movement of focus and iris positions.

The lens's focusing uses a floating mechanism design, reducing aberrations from an infinite to close working distance. Therefore, the lenses can also be used at distance in intelligent traffic technology.

- Focal Lengths 12 mm, 16 mm, 25 mm, 35 mm, 50 mm, 75 mm
- Pixel Pitch 3.45 µm
- 147 lp/mm from centre to corners of the image
- Extremely low distortion, suitable for image measurement
- Even light distribution
- Locking Screws
- Ideal for integration in systems with large sensors (Suitable for Sony IMX253 sensor)
- Compact design, robust and durable

High resolution and high contrast

Supports 1" format, 9 megapixel / 1.1" format, 12 megapixel cameras. Achieves 147 lp/mm high resolution from centre to periphery. Produces sharp, high-clarity images with high-contrast and low resolution loss all the way to the periphery.

Compact design, Ø 42 mm

To suit 44 mm housings used for most 12 megapixel cameras, these lenses have a 42 mm compact design ideal for installation with high performance equipment.

Extremely low distortion

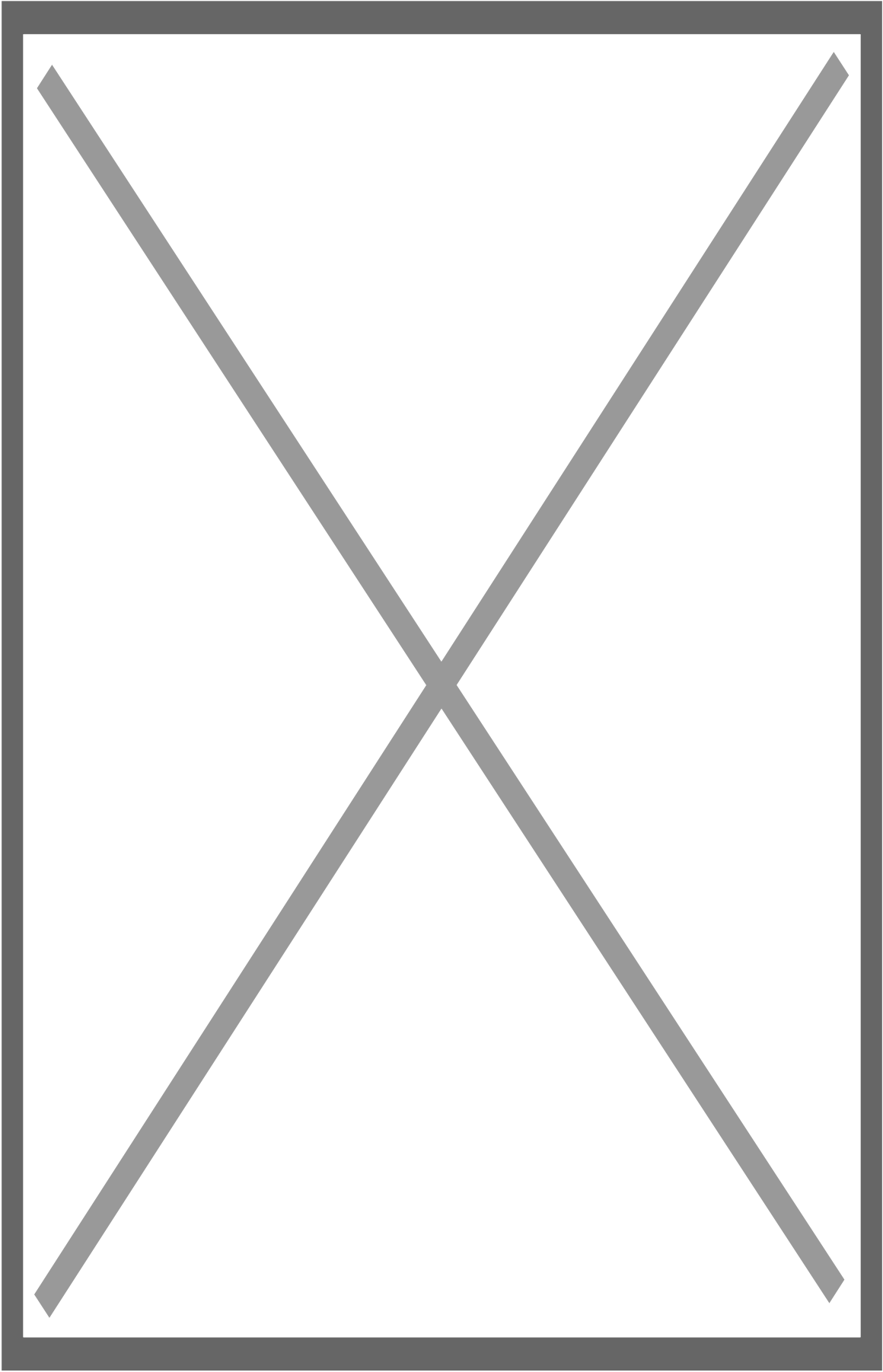
The optical distortion of this series is generally ~ 2%, (wide angle lens FL-BC1220-9M) or less, partially even < 0.1 %. The resulting extremely low-distortion images are excellent for use in the image measurement field.

Bright and clear to the periphery

Despite the small diameter of 42 mm, vignetting has been reduced to the minimum. Combined with the 12 megapixel resolution, bright, high contrast images are achieved all the way to the edges.

Compatibility of 1" 9MP Lenses with 1.1" & 4/3" Cameras

Image not found or type unknown



[to top](#)

- [Imprint](#)
- [AGB](#)
- [Privacy Policy](#)
- [Warranty](#)

© 2025 Ricoh International B.V. - German Branch

Image not found or type unknown

