

RICOH

imagine. change.

Exceeding 5 Megapixel Lenses (NEW)

This series are developed to be used with 2/3" format sensor like Sony IMX250 and are not only optimised for high image quality, but also for use in harsh environments and durable industrial systems.



FL-CC0820-5MX

- 5M
- Format 2/3"
- f=8.0 mm
- F2.0 - 16



FL-CC1218-5MX

- 5M
- Format 2/3"
- f=12.0 mm
- F1.8 - 16



FL-CC1618-5MX

- 5M

- Format 2/3"
- f=16.0 mm
- F1.8 - 16



FL-CC2518-5MX

- 5M
- Format 2/3"
- f=25.0 mm
- F1.8 - 16

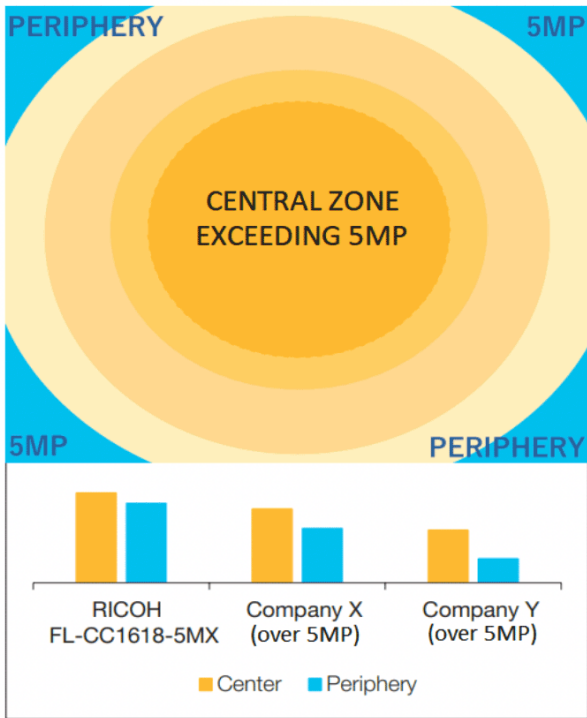


FL-CC3524-5MX

- 5M
- Format 2/3"
- f=35.0 mm
- F2.4 - 16

1. Exceeding 5MP in the central zone

2/3" Format 5 Megapixel Lens



5MP at all distances, maintains 5MP even at the periphery

WD : 250 mm investigated by RICOH

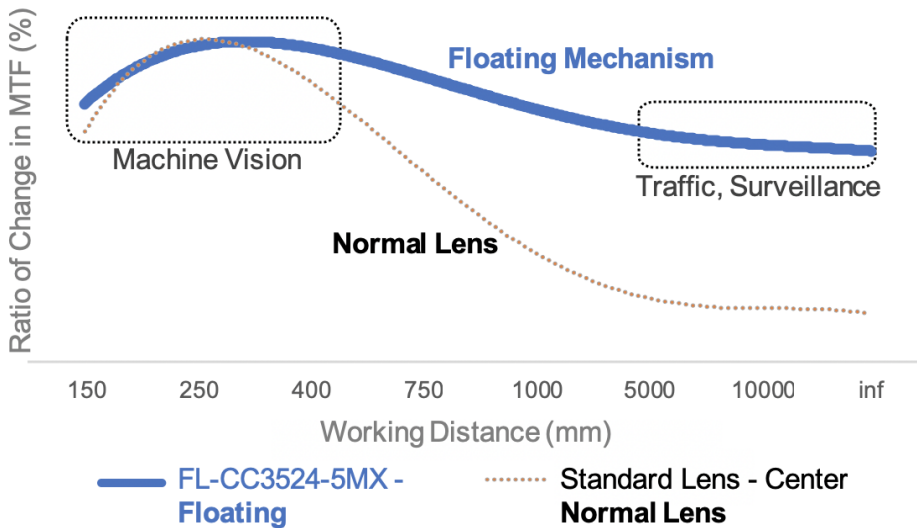
Resolution is superior to competitor's higher resolution lenses

JIA S-Rank1 Performance

These lenses use JIA (Japan Industrial Imaging Association) high performance class/evaluation standards for high definition camera lenses and satisfy S-Rank1 (Best Performance Class) criteria. As entire field 5 Megapixel camera lenses, they capture high resolution, low distortion images not just from the center to the periphery but over the entire image measurement field.

2. High resolution at any working distance

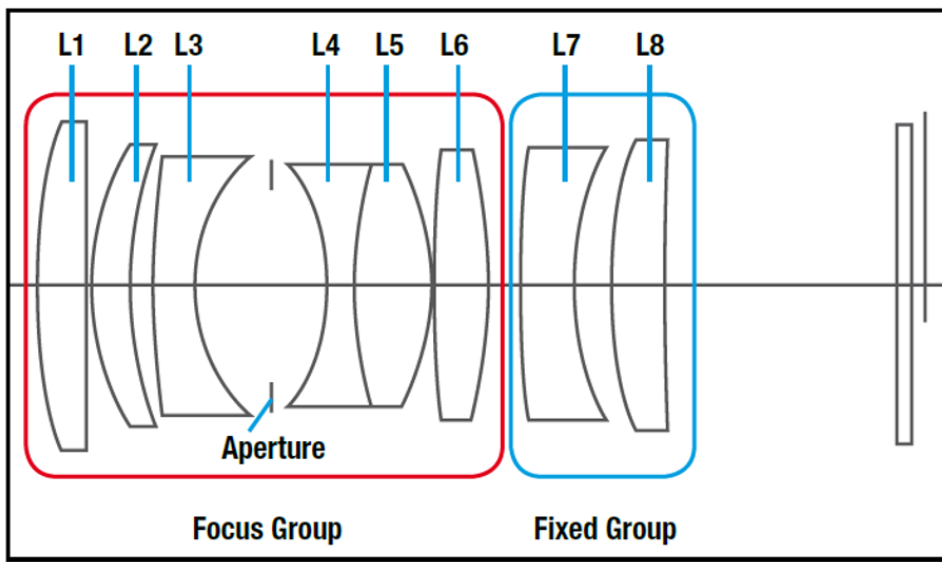
Ratio of Change of MTF by Working Distance (W.D.)



https://industry.ricoh.com/en/fa_camera_lens/lens/5m_mx/#anc05

Floating Focusing Mechanism

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. A floating focusing mechanism focuses whilst changing the spacing of some of its optical systems in order to minimize changes in aberrations due to object distance. The lens's construction is divided into a focus group that moves when focusing and a fixed group that remains stationary.



Floating Focusing Mechanism

1S-Rank standards by JIIA (Japan Industrial Imaging Association)