

2 Mega-Pixel Lens (Manual Iris Lens, compatible with 2 mega-pixel cameras)

A wide line-up of 2/3"-format lenses for use with 2 MP cameras for a variety of applications. Choose the optimal lens for your requirements.

These manual-iris lenses are your best choice for image processing data capture at 2 mega-pixels. With their compact size and high performance, they deliver great results for high-precision manufacturing inspection (chip mounters, wafers, electronic substrates, etc.).

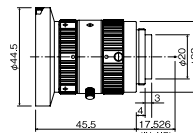
- **High-performance lenses for close-up imaging with 2 mega-pixel CCD and CMOS sensors**
- **Sharp high resolution, high contrast images, that limit resolution loss from the center to periphery**
- **With compact size, light weight, and durability, these are excellent lenses for FA and machine vision use**
- **They greatly reduce distortion that causes problems in image measurement and recognition**
- **Built to handle environments with vibration, etc. Easy to use, reliable focus and iris locking mechanisms as standard features**

FL-HC0514-2M



Scale 80:100

Dimensions



Unit: mm

FL-HC0514-2M Product specifications

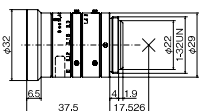
Format size	1/2" format
Focal length	5 mm
Maximum aperture ratio	1 : 1.4
Iris range	1.4 ~ 16
Mount	C
Horizontal angle of view	1/3" format 51.4° 1/2" format 65.5° 1/1.8" format — 2/3" format —
Minimum object distance	0.1 m
Back focal length	10.8 mm
Filter size	43 P=0.75 mm
Dimensions	φ 44.5×45.5 mm
Weight	102 g
Remarks	Focus & Iris lock screws

FL-HC0614-2M



Scale 80:100

Dimensions



Unit: mm

FL-HC0614-2M Product specifications

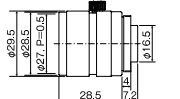
Format size	1/2" format
Focal length	6 mm
Maximum aperture ratio	1 : 1.4
Iris range	1.4 ~ 16
Mount	C
Horizontal angle of view	1/3" format 44.5° 1/2" format 57.4° 1/1.8" format — 2/3" format —
Minimum object distance	0.1 m
Back focal length	12.32 mm
Filter size	—
Dimensions	φ 32×37.5 mm
Weight	58 g
Remarks	Focus & Iris lock screws

FL-HC1214-2M



Scale 80:100

Dimensions



Unit: mm

FL-HC1214-2M Product specifications

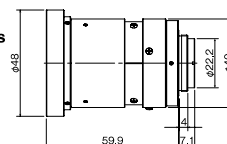
Format size	1/2" format
Focal length	12 mm
Maximum aperture ratio	1 : 1.4
Iris range	1.4 ~ 16
Mount	C
Horizontal angle of view	1/3" format 21.9° 1/2" format 28.9° 1/1.8" format — 2/3" format —
Minimum object distance	0.25 m
Back focal length	11.50 mm
Filter size	27 P=0.5 mm
Dimensions	φ 29.5×28.5 mm
Weight	55 g
Remarks	Focus & Iris lock screws

FL-CC0614A-2M



Scale 80:100

Dimensions



Unit: mm

FL-CC0614A-2M Product specifications

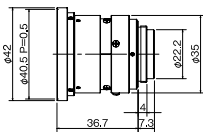
Format size	2/3" format
Focal length	6 mm
Maximum aperture ratio	1 : 1.4
Iris range	1.4 ~ 16
Mount	C
Horizontal angle of view	1/3" format 42.6° 1/2" format 55.1° 1/1.8" format 60.8° 2/3" format 71.2°
Minimum object distance	0.1 m
Back focal length	10.9 mm
Filter size	—
Dimensions	φ 48×59.9 mm
Weight	149 g
Remarks	Focus & Iris lock screws

FL-CC0814A-2M NEW



Scale 80:100

Dimensions



Unit: mm

FL-CC0814A-2M Product specifications

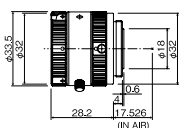
Format size	2/3" format
Focal length	8 mm
Maximum aperture ratio	1 : 1.4
Iris range	1.4 ~ 16
Mount	C
Horizontal angle of view	1/3" format 32.6° 1/2" format 42.7° 1/1.8" format 47.4° 2/3" format 56.3°
Minimum object distance	0.1 m
Back focal length	11.1 mm
Filter size	40.5 P=0.5 mm
Dimensions	φ 42×36.7 mm
Weight	76 g
Remarks	Focus & Iris lock screws

FL-CC0814-2M



Scale 80:100

Dimensions



Unit: mm

FL-CC0814-2M Product specifications

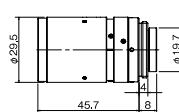
Format size	2/3" format
Focal length	8 mm
Maximum aperture ratio	1 : 1.4
Iris range	1.4 ~ 16
Mount	C
Horizontal angle of view	1/3" format 32.4° 1/2" format 42.5° 1/1.8" format 47.3° 2/3" format 56.3°
Minimum object distance	0.1 m
Back focal length	13.1 mm
Filter size	30.5 P=0.5 mm
Dimensions	φ 33.5×28.2 mm
Weight	63 g
Remarks	Focus & Iris lock screws

FL-CC1214A-2M NEW



Scale 80:100

Dimensions



Unit: mm

FL-CC1214A-2M Product specifications

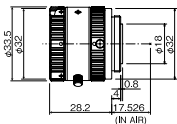
Format size	2/3" format
Focal length	12 mm
Maximum aperture ratio	1 : 1.4
Iris range	1.4 ~ 16
Mount	C
Horizontal angle of view	1/3" format 22.1° 1/2" format 29.2° 1/1.8" format 32.7° 2/3" format 39.4°
Minimum object distance	0.1 m
Back focal length	10.7 mm
Filter size	—
Dimensions	φ 29.5×45.7 mm
Weight	68 g
Remarks	Focus & Iris lock screws

FL-CC1214-2M



Scale 80:100

Dimensions



Unit: mm

FL-CC1214-2M Product specifications

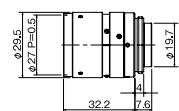
Format size	2/3" format
Focal length	12 mm
Maximum aperture ratio	1 : 1.4
Iris range	1.4 ~ 16
Mount	C
Horizontal angle of view	1/3" format 22.7° 1/2" format 30.0° 1/1.8" format 33.5° 2/3" format 40.4°
Minimum object distance	0.15 m
Back focal length	13.1 mm
Filter size	30.5 P=0.5 mm
Dimensions	φ 33.5×28.2 mm
Weight	62 g
Remarks	Focus & Iris lock screws

FL-CC1614A-2M NEW



Scale 80:100

Dimensions



Unit: mm

FL-CC1614A-2M Product specifications

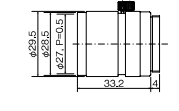
Format size	2/3" format
Focal length	16 mm
Maximum aperture ratio	1 : 1.4
Iris range	1.4 ~ 16
Mount	C
Horizontal angle of view	1/3" format 17.1° 1/2" format 22.6° 1/1.8" format 25.3° 2/3" format 30.7°
Minimum object distance	0.1 m
Back focal length	10.7 mm
Filter size	27 P=0.5 mm
Dimensions	φ 29.5×32.2 mm
Weight	54 g
Remarks	Focus & Iris lock screws

FL-CC1614-2M



Scale 80:100

Dimensions



Unit: mm

FL-CC1614-2M Product specifications

Format size	2/3" format
Focal length	16 mm
Maximum aperture ratio	1 : 1.4
Iris range	1.4 ~ 16
Mount	C
Horizontal angle of view	1/3" format 17.1° 1/2" format 22.7° 1/1.8" format 25.5° 2/3" format 31.0°
Minimum object distance	0.25 m
Back focal length	14.61 mm
Filter size	27 P=0.5 mm
Dimensions	φ 29.5×33.2 mm
Weight	63 g
Remarks	Focus & Iris lock screws

2 Mega-Pixel Lens

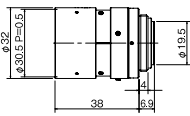
(Manual Iris Lens, compatible with 2 mega-pixel cameras)

FL-CC2514A-2M NEW



Scale 80:100

Dimensions



Unit: mm

FL-CC2514A-2M Product specifications

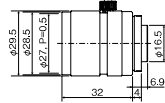
Format size	2/3" format
Focal length	25 mm
Maximum aperture ratio	1 : 1.4
Iris range	1.4 ~ 16
Mount	C
Horizontal angle of view	1/3" format 10.7° 1/2" format 14.2° 1/1.8" format 16.0° 2/3" format 19.5°
Minimum object distance	0.1 m
Back focal length	12.1 mm
Filter size	30.5 P=0.5 mm
Dimensions	φ 32×38 mm
Weight	63 g
Remarks	Focus & Iris lock screws

FL-CC2514-2M



Scale 80:100

Dimensions



Unit: mm

FL-CC2514-2M Product specifications

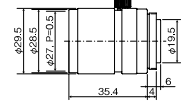
Format size	2/3" format
Focal length	25 mm
Maximum aperture ratio	1 : 1.4
Iris range	1.4 ~ 16
Mount	C
Horizontal angle of view	1/3" format 11.0° 1/2" format 14.6° 1/1.8" format 16.4° 2/3" format 20.0°
Minimum object distance	0.25 m
Back focal length	11.50 mm
Filter size	27 P=0.5 mm
Dimensions	φ 29.5×32 mm
Weight	55 g
Remarks	Focus & Iris lock screws

FL-CC3516-2M



Scale 80:100

Dimensions



Unit: mm

FL-CC3516-2M Product specifications

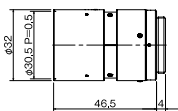
Format size	2/3" format
Focal length	35 mm
Maximum aperture ratio	1 : 1.6
Iris range	1.6 ~ 16
Mount	C
Horizontal angle of view	1/3" format 8.1° 1/2" format 10.8° 1/1.8" format 12.1° 2/3" format 14.8°
Minimum object distance	0.4 m
Back focal length	11.85 mm
Filter size	27 P=0.5 mm
Dimensions	φ 29.5×35.4 mm
Weight	64 g
Remarks	Focus & Iris lock screws

FL-CC5024A-2M NEW



Scale 80:100

Dimensions



Unit: mm

FL-CC5024A-2M Product specifications

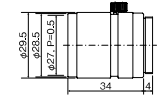
Format size	2/3" format
Focal length	50 mm
Maximum aperture ratio	1 : 2.4
Iris range	2.4 ~ 22
Mount	C
Horizontal angle of view	1/3" format 5.6° 1/2" format 7.5° 1/1.8" format 8.4° 2/3" format 10.3°
Minimum object distance	0.3 m
Back focal length	22.3 mm
Filter size	30.5 P=0.5 mm
Dimensions	φ 32×46.5 mm
Weight	66 g
Remarks	Focus & Iris lock screws

FL-CC5028-2M



Scale 80:100

Dimensions



Unit: mm

FL-CC5028-2M Product specifications

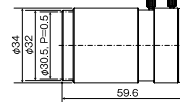
Format size	2/3" format
Focal length	50 mm
Maximum aperture ratio	1 : 2.8
Iris range	2.8 ~ 22
Mount	C
Horizontal angle of view	1/3" format 5.5° 1/2" format 7.3° 1/1.8" format 8.2° 2/3" format 10.0°
Minimum object distance	0.9 m
Back focal length	21.03 mm
Filter size	27 P=0.5 mm
Dimensions	φ 29.5×34 mm
Weight	55 g
Remarks	Focus & Iris lock screws

FL-CC7528-2M



Scale 80:100

Dimensions



Unit: mm

FL-CC7528-2M Product specifications

Format size	2/3" format
Focal length	75 mm
Maximum aperture ratio	1 : 2.8
Iris range	2.8 ~ 32
Mount	C
Horizontal angle of view	1/3" format 3.8° 1/2" format 5.0° 1/1.8" format 5.7° 2/3" format 6.9°
Minimum object distance	0.7 m
Back focal length	30.94 mm
Filter size	30.5 P=0.5 mm
Dimensions	φ 34×59.6 mm
Weight	125 g
Remarks	Focus & Iris lock screws