

Macro Lenses

◆ Working Distance 100~350mm Lenses



Item No.	1217BM	1620BM	2520B5M	IR2520BMT
Resolution	80lp/mm	80lp/mm	160lp/mm	100lp/mm
Format	2/3"	2/3"	2/3"	1/2"
Mount	M12 x 0.5	M12 x 0.5	M12 x 0.5	M16 x 0.5
Focal Length	12mm	16mm	25mm	25mm
F/No	1.7	2.0	2.0	2.0
Back Focal Length	7.29mm	18.73mm	9.8mm	13.37mm
Type	Fixed	Fixed	Fixed	Fixed
Angle of View	45.6°	————	18.6°	60° ~ 80°
Distortion	-0.85%	————	0.17%	<1%
Working Distance	114mm	100mm	110mm	250mm ~ 350mm
Design Wavelength	660nm	660nm	660nm	600 ~ 950nm
Dimension	φ 14 x 19.97mm	φ 18 x 24.62mm	φ 16 x 30.75mm	φ 18 x 24.85mm
Weight	0.5 g	0.5 g	2.5 g	————

◆ Working Distance 100~500mm Lenses

1/1.8" Series

Item No.	05516MAC	0620MAC	0825MAC
Resolution	120lp/mm	100lp/mm	130lp/mm
Format	1/1.8"	1/1.8"	1/1.8"
Mount	M12 x 0.5	M12 x 0.5	M12 x 0.5
Focal Length	5.5mm	6mm	8mm
F/No	1.6	2.0	2.5
Type	Fixed	Fixed	Fixed
Horizontal Angle	77° (D)	78°	58.8°
Distortion	-1.2%	6.5%	-0.25%
Focusing Range	∞ ~ 0.1m	0.1 ~ 0.5m	0.1 ~ 0.5m
Dimension	φ 14 x 19.97mm	φ 18 x 24.62mm	φ 16 x 30.75mm



1/2.3" Format Lens

Item No.	04516MAC
Resolution	100lp/mm (2MP)
Format	1/2.3"
Mount	M12 x 0.5
Focal Length	4.5mm
F/No	1.6
Type	Fixed
Distortion	-4%
Coating Wavelength	400 ~ 950nm

1/2.5" Format Lenses

Item No.	0620MAC	0825MAC
Resolution	100lp/mm (2MP)	200lp/mm (4MP)
Format	1/2.5"	1/2.5"
Mount	M12 x 0.5	M12 x 0.5
Focal Length	3.0	10
F/No	2.0	2.4
Type	Fixed	Fixed
Distortion	22%	0.4%
Coating Wavelength	400 ~ 950nm	400 ~ 950nm

10 Mega-Pixel 2/3" Format Series



Item No.	1224MAC	1622MAC	2525MAC	3528MAC	5040MAC
Resolution	200lp/mm (10MP)	200lp/mm (10MP)	200lp/mm (10MP)	200lp/mm (10MP)	200lp/mm (10MP)
Format	2/3"	2/3"	2/3"	2/3"	2/3"
Mount	M12 x 0.5	M12 x 0.5	M12 x 0.5	M12 x 0.5	M12 x 0.5
Focal Length	12mm	16mm	25mm	35mm	50mm
F/No	2.4	2.2	2.5	2.8	4.0
Type	Fixed	Fixed	Fixed	Fixed	Fixed
Horizontal Angle	48.68°	33.2°	22.2°	18°	——
Distortion	0.25%	2.5%	0.5%	-0.4%	-0.2%
Focusing Range	0.1 ~ 0.5m	0.1 ~ 0.5m	0.1 ~ 0.5m	0.1 ~ ∞	0.5 ~ ∞
Dimension	——	φ 14 x 14.65mm	φ 17 x 21.87mm	φ 22 x 27.5mm	φ 22 x 60.9mm



Item No.	1225FM	1620FM	2520FM
Resolution	200lp/mm (10MP)	200lp/mm (10MP)	200lp/mm (10MP)
Format	2/3"	2/3"	2/3"
Mount	M12 x 0.5	M12 x 0.5	M12 x 0.5
Focal Length	12mm	16mm	25mm
F/No	2.4	2.0	2.0
Back Focal Length	8.03 ~ 6.53	4.97 ~ 4.22	9.25 ~ 7.48
Type	Fixed	Fixed	Fixed
Distortion	-1.2%	-3%	-0.12%
Focusing Range	$\infty \sim 0.1\text{m}$	$\infty \sim 0.2\text{m}$	$\infty \sim 0.2\text{m}$
Coating Wavelength	400 ~ 950nm	400 ~ 950nm	400 ~ 950nm