

# M6M Lenses series



AZURE has released a new lens series for 2/3" sensors (image circle maximum to 13.4mm). The new M6M series is optimized for close working system: 0.2 - 0.4 m. The presented products are 6 megapixel, fixed focal length models dedicated to sensors with a pixel size down to 3  $\mu$ m. Coating of new lenses produces a high transmission in 400-950 nm spectral range. The offer includes lenses with focal lengths: 8mm, 12mm, 16mm, 25mm, 35mm and 50mm.

Item No	AZURE-NV0820M6M	AZURE-NV1220M6M
Resolution	6MP	6MP
Format	2/3"(compatible with 1/1.2" sensor)	2/3"(compatible with 1/1.2" sensor)
Mount	C	C
Focal Length	8mm	12mm
F/No	F2.0~16	F2.0~16
Back Focus	12.476mm	11.99mm
Iris Type	M-Iris	M-Iris
Angle of view (D×V×H)	1/1.2"Format	80°× 53.8°×67.8°
	2/3"Format	69°× 44.83°×57.62°
	1/1.8"Format	58.7°×37.3°×48.5°
	1/2"Format	53.13°× 33.4°×43.6°
Distortion	<0.45%	<1%
Optimum Working Distance	0.2~0.4m	0.2~0.4m
Working Distance	0.1m ~ $\infty$	0.1m ~ $\infty$
Design Wavelength	400~700nm	400~700nm
Filter Thread	M58 × 0.75	M37.5 × 0.5
Dimension	61 × 59.34mm	40× 47.76mm
Weight	110.8g	-

Item No	AZURE-NV1620M6M	AZURE-NV2520M6M
Resolution	6MP	6MP
Format	2/3"(compatible with 1/1.2" sensor)	2/3"(compatible with 1/1.2" sensor)
Mount	C	C
Focal Length	16mm	25mm
F/No	F2.0~16	F2.0~16
Back Focus	12.88mm	13.029mm
Iris Type	M-Iris	M-Iris
Angle of view (D×V×H)	1/1.2"Format	44.1°× 27.1°×35.7°
	2/3"Format	36.8°× 22.2°×29.1°
	1/1.8"Format	31.4°×19.2°× 25.4°
	1/2"Format	26.6°× 16.3°×21.5°
Distortion	<0.5%	<-0.25%
Optimum Working Distance	0.2~0.4m	0.2~0.4m
Working Distance	0.1m ~ $\infty$	0.2m ~ $\infty$
Design Wavelength	400~700nm	400~700nm
Filter Thread	M30.5× 0.5	M30.5 × 0.5
Dimension	38 × 53.05mm	38 × 40.17mm
Weight	106.1g	97.3g

Item No	AZURE-NV3520M6M	AZURE-NV5020M6M
Resolution	6MP	6MP
Format	2/3"(compatible with 1/1.2" sensor)	2/3"(compatible with 1/1.2" sensor)
Mount	C	C
Focal Length	35mm	50mm
F/No	F2.0~16	F2.0~16
Back Focus	10.52mm	7.26mm
Iris Type	M-Iris	M-Iris
Angle of view (D×V×H)	1/1.2"Format	20.6°× 12.4°×16.6°
	2/3"Format	17.86°× 10.77°×14.33°
	1/1.8"Format	14.7°×8.8°× 11.7°
	1/2"Format	13.04°× 7.85°×10.45°
Distortion	<-0.35%	<0.05%
Optimum Working Distance	0.2~0.4m	0.2~0.4m
Working Distance	0.2m ~ $\infty$	0.2m ~ $\infty$
Design Wavelength	400~700nm	400~700nm
Filter Thread	M30.5 × 0.5	M37.5 × 0.5
Dimension	38 × 38.74mm	43.2 × 62.74mm
Weight	94.4g	-