

# The Near/Far Field Lenses

## 1/1.8" Format Near Field Lenses



Item No	AZURE-0625SMAC	AZURE-0825SMAC	AZURE-1225SMAC	AZURE-1625SMAC	AZURE-2530SMAC
Resolution	140lp/mm (3MP)	140lp/mm (3MP)	140lp/mm (3MP)	140lp/mm (3MP)	140lp/mm (3MP)
Format	1/1.8"	1/1.8"	1/1.8"	1/1.8"	1/1.8"
Mount	M12×0.5	M12×0.5	M12×0.5	M12×0.5	M12×0.5
Focal Length	6mm	8.5mm	12mm	16mm	25mm
F/No	2.5	2.5	2.5	2.5	3.0
Back Focus	7.4mm	6.5mm	6.48mm	5.2mm	6.31mm
Iris Type	Fixed	Fixed	Fixed	Fixed	Fixed
Angle of View(D×V×H)	72°× 47.2°×61.2°	54°× 33.8°×44.6°	37.6°× 22.96°×30.6°	27.8°× 16.7°×22.4°	18.64°× 11.14°×15°
Distortion	<-0.2%	<-0.5%	<-0.2%	<-0.1%	<-0.1%
Working Distance	0.1m~∞	0.1m~1m	0.1m~∞	0.1m~∞	0.1m~1m
Design Wavelength	400~950nm	400~950nm	400~950nm	400~950nm	400~950nm
Dimension	φ 17 × 22.97mm	φ 14 × 21.5mm	φ 14 × 14.85mm	φ 14 × 20.4mm	φ 14 × 22mm
Weight	9g	5.8g	4.8g	5.6g	6.2g

## 1/1.8" Format Far Field Lenses



Item No	AZURE-05525FM
Resolution	140lp/mm(3MP)
Format	1/1.8"
Mount	M12 × 0.5
Focal Length	5.5mm
F/No	2.5
Back Focus	5.75
Iris Type	Fixed
Angle of View(D×V×H)	77.66°×51.3°×66.2°
Distortion	<-1.8%
Working Distance	0.3m~∞
Design Wavelength	400~950nm
Dimension	φ 17 × 20.7mm
Weight	9g

## 1/2.3" Format Near Field Lenses



Item No	AZURE-04516MAC
Resolution	100lp/mm(2MP)
Format	1/2.3"
Mount	M12 × 0.5
Focal Length	4.5mm
F/No	1.6
Back Focus	3.0
Iris Type	Fixed
Angle of View(D×V×H)	80.4°×55°×69.7°
Distortion	<-3.5%
Working Distance	0.1m~∞
Design Wavelength	400~950nm
Dimension	φ 18 × 25.5mm
Weight	9g