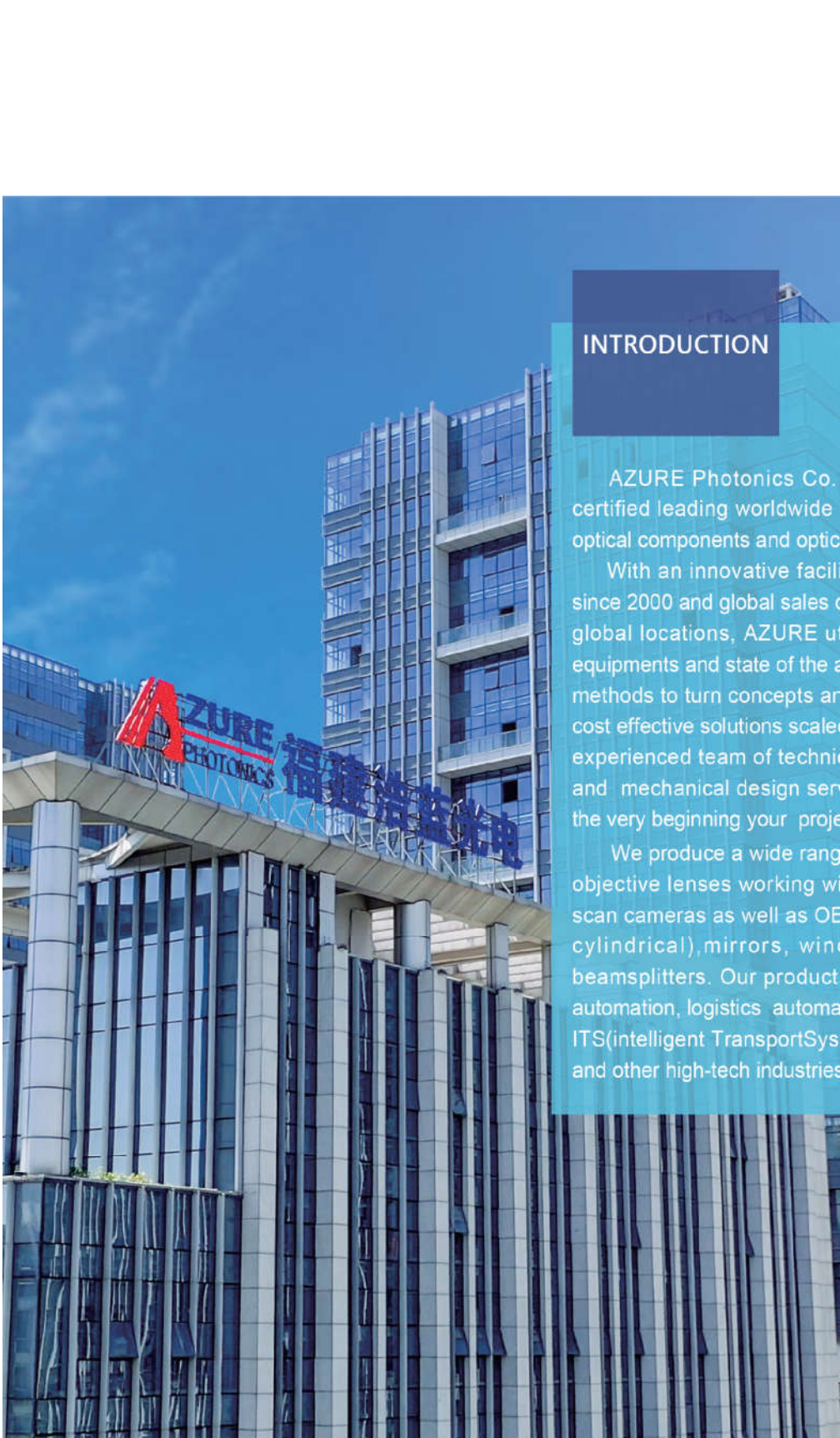


Machine Vision



Do Better Than Asked Forever



”

INTRODUCTION

AZURE Photonics Co., Ltd, is an ISO 9001:2015 certified leading worldwide manufacturer of customized optical components and optical assemblies.

With an innovative facility based in Fuzhou (China) since 2000 and global sales distribution and support at key global locations, AZURE utilizes advanced fabrication equipments and state of the art testing instrumentation and methods to turn concepts and prototypes into high quality cost effective solutions scaled up to serial production. Our experienced team of technical experts also offer optical and mechanical design services for the assemblies from the very beginning your project starts.

We produce a wide range of off-the-shelf and custom objective lenses working with area scan cameras/ line scan cameras as well as OEM optics – lenses (spherical, cylindrical), mirrors, windows, filters, prisms and beamsplitters. Our products are widely used in factory automation, logistics automation, motion capture systems, ITS (intelligent Transport System), life science, biometrics and other high-tech industries.

AZURE is committed to deliver customers with
Quality Products, On-time Delivery, competitive
pricing and 100% Customer Satisfaction.

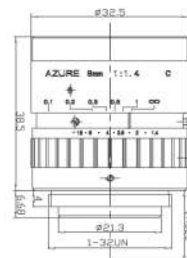
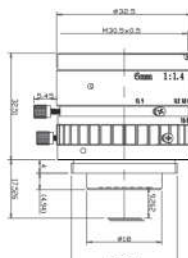
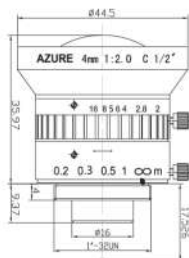
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2MP Lenses Series



1/2" Format Manual Iris Fixed Lenses



Item No		AZURE-0420MM	AZURE-0614MM	AZURE-0814MM
Resolution		100lp/mm (2MP)	100lp/mm (2MP)	100lp/mm (2MP)
Format		1/2"	1/2"	1/2"
Mount		C	C	C
Focal Length		4mm	6mm	8mm
F/No		F2.0~F16	F1.4~F16	F1.4~F16
Back Focus		8.77mm	8.89mm	11.02mm
Iris Type		M-Iris	M-Iris	M-Iris
Angle of view (DXVXH)	1/2"Format	90°× 61.8°×77.4°	68°× 43.8°×56.6°	54°× 33.6°×43.8°
	1/3"Format	73.74°× 48.46°×61.93°	53.13°× 33.4°×43.6°	41.11°× 25.36°×33.4°
	1/4"Format	53.13°× 33.4°×43.6°	36.87°× 22.6°×29.86°	28.07°× 17.06°×25.36°
Distortion		<-2.8%	<-1%	<-0.7%
Working Distance		0.1m ~ ∞	0.1m ~ ∞	0.1m ~ ∞
Design Wavelength		400~700nm	400~700nm	400~700nm
Filter Thread		-	M30.5 × 0.5	M30.5 × 0.5
Dimension		φ44.5 × 35.97mm	φ32.5 × 32.51mm	φ32.5 × 38.5mm
Weight		130g	100g	107g

2MP Lenses Series

2/3" Format Manual Iris Fixed Lenses



Item No	AZURE-1214MM	AZURE-1614MM
Resolution	100lp/mm (2MP)	100lp/mm (2MP)
Format	2/3"	2/3"
Mount	C	C
Focal Length	12mm	16mm
F/No	F1.4~F16	F1.4~F16
Back Focus	9.83mm	9.87mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	2/3"Format	48.86° × 30.44° × 39.94°
	1/2"Format	36.86° × 22.62° × 29.86°
	1/3"Format	28.07° × 17.06° × 22.62°
	1/4"Format	18.92° × 11.42° × 15.19°
Distortion	<-1%	<-1%
Working Distance	0.1m~∞	0.2m~∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M30.5 × 0.5	M30.5 × 0.5
Dimension	φ 32.5 × 41.62mm	φ 32.5 × 35.24mm
Weight	85g	80g



Item No	AZURE-2514MM	AZURE-3514MM
Resolution	100lp/mm (2MP)	100lp/mm (2MP)
Format	2/3"	2/3"
Mount	C	C
Focal Length	25mm	35mm
F/No	F1.4~F32	F1.4~F32
Back Focus	9.43mm	9.39mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	2/3"Format	24.18° × 14.6° × 19.42°
	1/2"Format	18.18° × 10.97° × 14.59°
	1/3"Format	13.69° × 8.24° × 10.97°
	1/4"Format	9.15° × 5.5° × 7.32°
Distortion	<-1%	<-1%
Working Distance	0.3m~∞	0.5m~∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M30.5 × 0.5	M30.5 × 0.5
Dimension	φ 32.5 × 33.39mm	φ 32.9 × 36.91mm
Weight	60g	90g

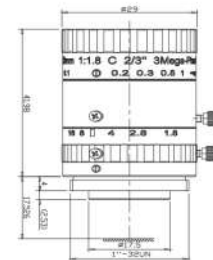
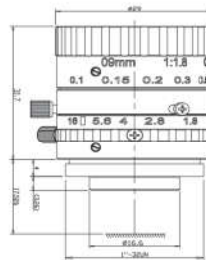
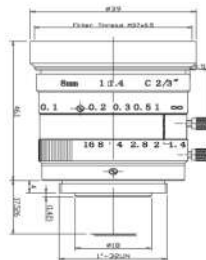


Item No	AZURE-5020MM	AZURE-7524MM
Resolution	100lp/mm (2MP)	100lp/mm (2MP)
Format	2/3"	2/3"
Mount	C	C
Focal Length	50mm	75mm
F/No	F2.0~F16	F2.4~F22
Back Focus	9.38mm	16.23mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	2/3"Format	12.7° × 7.7° × 10.2°
	1/2"Format	9.3° × 5.6° × 7.46°
	1/3"Format	7° × 4.2° × 5.6°
	1/4"Format	4.58° × 2.75° × 3.67°
Distortion	<0.4%	<0.65%
Working Distance	1m~∞	1m~∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M30.5 × 0.5	M34 × 0.5
Dimension	φ 32.9 × 33.65mm	φ 36 × 54.97mm
Weight	80g	140g

3MP Lenses Series



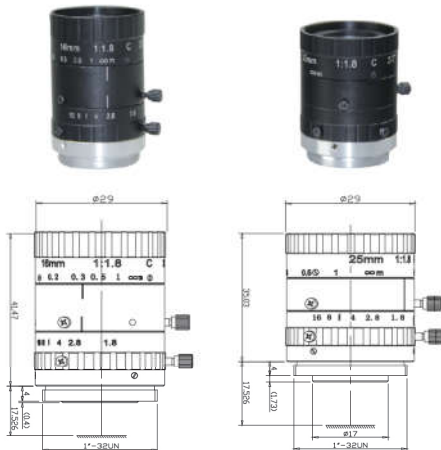
2/3" F ormat Manual Iris Fixed Lenses



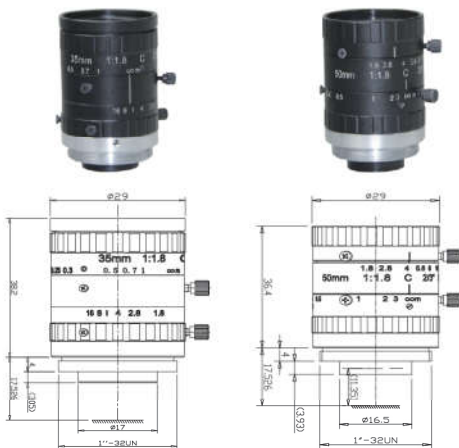
Item No		AZURE-0814M3M	AZURE-0918M3M	AZURE-1218M3M
Resolution		120lp/mm (3MP)	120lp/mm (3MP)	120lp/mm (3MP)
Format		2/3"	2/3"	2/3"
Mount		C	C	C
Focal Length		8mm	9mm	12mm
F/No		F1.4~F16	F1.8~F16	F1.8~F16
Back Focus		12.56mm	10.87mm	11.72mm
Iris Type		M-Iris	M-Iris	M-Iris
Angle of view (DXVXH)	2/3"Format	64.26°× 41.66°×53.76°	61.85°× 39.54°×51.22°	47.7°× 29.8°× 39°
	1/2"Format	53.13°× 33.4°×43.6°	47.09°×29.3°× 38.44°	36.87°× 22.62°×29.86°
	1/3"Format	41.11°× 25.36°×33.4°	36.19°×22.19°× 29.3°	28.07°× 17.06°×22.62°
Distortion		<0.7%	<-0.5%	<-0.3%
Working Distance		0.1m~∞	0.1m~∞	0.1m~∞
Design Wavelength		400~700nm	400~700nm	400~700nm
Filter Thread		M37 × 0.5	M27 × 0.5	M27 × 0.5
Dimension		φ 39× 46.15mm	φ 29 × 31.7mm	φ 29 × 41.98mm
Weight		220g	63g	73g

3MP Lenses Series

2/3" Format Manual Iris Fixed Lenses



Item No	AZURE-1618M3M	AZURE-2518M3M
Resolution	120lp/mm (3MP)	120lp/mm (3MP)
Format	2/3"	2/3"
Mount	C	C
Focal Length	16mm	25mm
F/No	F1.8~F16	F1.8~F16
Back Focus	13.50mm	12.70mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	2/3"Format	36.8°× 22.5°×29.8°
	1/2"Format	28.07°× 17.06°×22.62°
	1/3"Format	21.24°× 12.84°×17.06°
Distortion	<-0.35%	<-0.1%
Working Distance	0.1m~∞	0.15m~∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M27 × 0.5	M27 × 0.5
Dimension	φ 29 × 41.47mm	φ 29 × 35.03mm
Weight	71g	60.5g



Item No	AZURE-3518M3M	AZURE-5018M3M
Resolution	120lp/mm (3MP)	120lp/mm (3MP)
Format	2/3"	2/3"
Mount	C	C
Focal Length	35mm	50mm
F/No	F1.8~F16	F1.8~F16
Back Focus	11.73mm	11.35mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	2/3"Format	16.04°× 9.6°×12.8°
	1/2"Format	11.7°× 7°×9.3°
	1/3"Format	9°× 5.3°×7°
Distortion	<-0.1%	<-0.1%
Working Distance	0.25m~∞	0.5m~∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M27 × 0.5	M27 × 0.5
Dimension	φ 29 × 38.2mm	φ 29 × 36.4mm
Weight	71g	60g

5MP Lenses Series



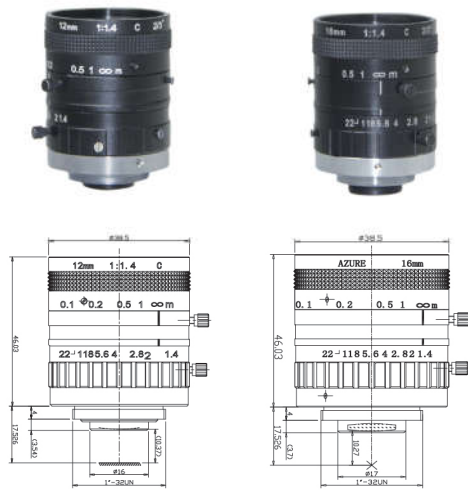
1/2" ,2/3" Format Manual Iris Fixed Lenses



Item No		AZURE-0414M5M	AZURE-0614M5M	AZURE-0814M5M
Resolution		150lp/mm (5MP)	150lp/mm (5MP)	150lp/mm (5MP)
Format		1/2"	1/2"	2/3"
Mount		C	C	C
Focal Length		4mm	6mm	8mm
F/No		F1.4~F32	F1.4~F16	F1.4~F16
Back Focus		10.33mm	9.8mm	9.91mm
Iris Type		M-Iris	M-Iris	M-Iris
Angle of view (DXVXH)	1/2"Format	85°× 58.76°×75.12°	64.48°× 41.6°×53.8°	66.2°× 42.78°×55.24°
	1/3"Format	73.74°× 48.46°×61.93°	53.13°× 33.39°×43.6°	53.13°× 33.4°×43.6°
	1/4"Format	53.13°× 33.4°×43.6°	36.87°× 22.6°×29.86°	41.11°× 25.36°×33.4°
Distortion		<-1.5%	<-1%	<-1%
Working Distance		0.1m~∞	0.1m~∞	0.1m ~ ∞
Design Wavelength		400~700nm	400~700nm	400~700nm
Filter Thread		M52 × 0.75	M35.5 × 0.5	M35.5 × 0.5
Dimension		φ 54 × 50.87mm	φ 38.5 × 50.4mm	φ 38.5 × 50.7mm
Weight		142g	140g	156g

5MP Lenses Series

2/3" Format Manual Iris Fixed Lenses



Item No	AZURE-1214M5M	AZURE-1614M5M
Resolution	150lp/mm (5MP)	150lp/mm (5MP)
Format	2/3"	2/3"
Mount	C	C
Focal Length	12mm	16mm
F/No	F1.4~F22	F1.4~F22
Back Focus	10.37mm	10.27mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	2/3"Format	47.1°×29.44°×39.58°
	1/2"Format	36.87°×22.62°×29.86°
	1/3"Format	28.07°×17.06°×22.62°
Distortion	<-0.3%	<-0.3%
Working Distance	0.1m ~ ∞	0.1m ~ ∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M35.5 × 0.5	M35.5 × 0.5
Dimension	φ 38.5 × 46.03mm	φ 38.5 × 46.03mm
Weight	150g	139g



Item No	AZURE-2514M5M	AZURE-3514M5M
Resolution	150lp/mm (5MP)	150lp/mm (5MP)
Format	2/3"	2/3"
Mount	C	C
Focal Length	25mm	35mm
F/No	9.98mm	13.09mm
Back Focus	F1.4~F16	F1.4~F16
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	2/3"Format	23.6°×14.32°×19.04°
	1/2"Format	18.18°×10.97°×14.59°
	1/3"Format	13.69°×8.24°×10.97°
Distortion	<-0.1%	<-0.05%
Working Distance	0.2m ~ ∞	0.15m~∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M35.5 × 0.5	M35.5 × 0.5
Dimension	φ 38.5 × 34.61mm	φ 38.5 × 38mm
Weight	110g	120g



Item No	AZURE-5020M5M	AZURE-7520M5M
Resolution	150lp/mm (5MP)	150lp/mm (5MP)
Format	2/3"	2/3"
Mount	C	C
Focal Length	50mm	75mm
F/No	F2.0~F32	F2.0~F22
Back Focus	9.78mm	10.7mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	2/3"Format	12.36°×7.45°×9.92°
	1/2"Format	9.04°×5.42°×7.24°
	1/3"Format	6.78°×4.08°×5.42°
Distortion	<-0.1%	<-0.1%
Working Distance	0.4m~∞	0.8m~∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M35.5 × 0.5	M40.5 × 0.5
Dimension	φ 38.5 × 44.94mm	φ 42 × 69.28mm
Weight	152g	290g

1/1.2" Format Manual Iris Fixed Lenses

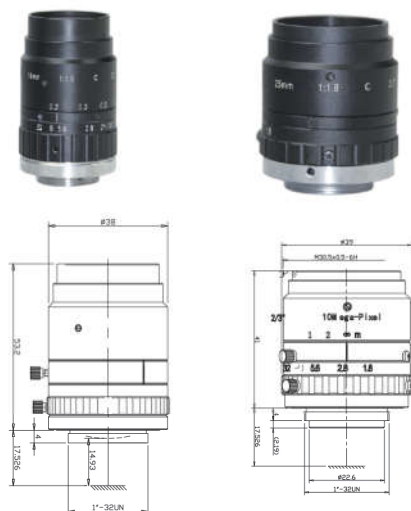


Item No		AZURE-NV3520M6M	AZURE-NV5020M6M
Resolution		170lp/mm (6MP)	170lp/mm (6MP)
Format		1/1.2"	1/1.2"
Mount		C	C
Focal Length		35mm	50mm
F/No		F2.0~16	F2.0~16
Back Focus		10.52mm	7.26mm
Iris Type		M-Iris	M-Iris
Angle of view (DXVXH)	1/1.2"Format	20.6°× 12.4°×16.6°	12.40°× 7.64°×10.21°
	2/3"Format	17°× 10°×13.3°	10.14°× 6.14°×8.16°
	1/2"Format	13.04°× 7.85°×10.45°	8.32°× 5.0°×6.86°
Distortion		<-0.35%	<0.05%
Working Distance		0.2m ~ ∞	0.2m ~ ∞
Optimum Working Distance		0.2~0.4m	0.2~0.4m
Design Wavelength		400~700nm	400~700nm
Filter Thread		M30.5 × 0.5	M37.5 × 0.5
Dimension		φ 38 × 38.74mm	φ 43.2 × 62.74mm
Weight		94.4g	-

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10MP Lenses Series

2/3" Format Manual Iris Fixed Lenses



Item No	AZURE-1618M10M	AZURE-2518M10M
Resolution	200lp/mm (10MP)	200lp/mm (10MP)
Format	2/3"	2/3"
Mount	C	C
Focal Length	16mm	25mm
F/No	F1.8~F22	F1.8~F32
Back Focus	14.93mm	12.59mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	2/3"Format	37.74° × 23.2° × 30.6°
	1/2"Format	28.07° × 17.06° × 22.62°
	1/3"Format	21.24° × 12.84° × 17.06°
Distortion	< -0.2%	< -0.13%
Working Distance	0.2m ~ ∞	0.2m ~ ∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M30.5 × 0.5	M30.5 × 0.5
Dimension	φ 38 × 53.2mm	φ 39 × 41mm
Weight	140g	140g



Item No	AZURE-3518M10M	AZURE-5018M10M
Resolution	200lp/mm (10MP)	200lp/mm (10MP)
Format	2/3"	2/3"
Mount	C	C
Focal Length	35mm	50mm
F/No	F1.8~F16	F1.8~F22
Back Focus	12.59mm	13.85mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	2/3"Format	12.58° × 7.56° × 10.07°
	1/2"Format	9.45° × 5.68° × 7.56°
	1/3"Format	6.3° × 3.76° × 5.01°
Distortion	< -0.1%	< -0.2%
Working Distance	0.3m ~ ∞	0.5m ~ ∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M34 × 0.5	M34 × 0.5
Dimension	φ 38 × 43.5mm	φ 38 × 43.5mm
Weight	125g	124g

12MP Lenses Series



Product features

- ① Designed for Pixel size 3.45 μm
- ② Supports up to 1.1" sensor
- ③ Low Distortion
- ④ Floating Focus for Performance from MOD - ∞
- ⑤ Feature Locking Iris and Focus Adjustment



1.1"Format Manual Iris Fixed Lenses



Item No		AZURE-2520ML12M	AZURE-3520ML12M
Resolution		150lp/mm	150lp/mm
Format		1.1"	1.1"
Mount		C	C
Focal Length		25mm	35mm
F/No		F2.0	F2.0
Back Focus		13.71mm	13.16mm
Iris Type		Manual	Manual
Angle of view (DXHXV)	1.1"Format	35.3°× 28.68°×21.75°	25.27°× 20.4°×15°
	2/3"Format	22.55°× 18.19°×13.68°	15.89°× 12.89°×9.64°
	1/2"Format	16.50°× 13.27°×9.96°	11.59°× 9.35°×7.0°
Distortion		<0.25%	<0.15%
Working Distance		0.1m ~ ∞	0.2m ~ ∞
Design Wavelength		400~700nm	400~700nm
Filter Thread		M37.5 × 0.5	M37.5 × 0.5
Dimension		φ 45 × 75.41mm	φ 46 × 77.1mm
Weight		194g	209.7g

Item No		AZURE-5022ML12M	AZURE-7526ML12M
Resolution		150lp/mm	150lp/mm
Format		1.1"	1.1"
Mount		C	C
Focal Length		50mm	75mm
F/No		F2.2	F2.6
Back Focus		14.27mm	15.76mm
Iris Type		Manual	Manual
Angle of view (DXHXV)	1.1"Format	16.18°× 13.00°×9.77°	7.53°× 6.05°×4.65°
	2/3"Format	10.03°× 8.15°×6.11°	4.80°× 3.96°×3.12°
	1/2"Format	7.30°× 5.93°×4.43°	3.65°× 3.04°×2.43°
Distortion		<0.1%	<-0.35%
Working Distance		0.25m ~ ∞	0.3m ~ ∞
Design Wavelength		400~700nm	400~700nm
Filter Thread		M37.5 × 0.5	M34 × 0.5
Dimension		φ 49 × 102.63mm	φ 50 × 95.41mm
Weight		252.1g	270g

Large Format Lenses Series

1" Format Manual Iris Fixed Lenses

Item No	AZURE-2020ML5M	AZURE-2520ML5M
Resolution	150lp/mm (5MP)	150lp/mm (5MP)
Format	1"	1"
Mount	C	C
Focal Length	20mm	25mm
F/No	F2.0~F22	F2.0~F32
Back Focus	15.69mm	11.94mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	1"Format	43.2° × 26.6° × 34.9°
	2/3"Format	30.75° × 18.74° × 24.81°
	1/2"Format	22.62° × 13.69° × 18.18°
Distortion	< -0.8%	< -0.2%
Working Distance	0.3m ~ ∞	0.3m ~ ∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M37.5 × 0.5	M43 × 0.75
Dimension	∅40 × 46.61mm	∅48 × 65.82mm
Weight	143g	300g



4/3" Format Manual Iris Fixed Lenses

Item No	AZURE-1224MX5M	AZURE-1620MX5M
Resolution	100lp/mm (5MP)	150lp/mm (5MP)
Format	4/3"	4/3"
Mount	C	C
Focal Length	12mm	16mm
F/No	F2.4~F32	F2.0~F32
Back Focus	21.91mm	21.6mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	4/3"Format	86.06° × 55.9° × 71.03°
	1"Format	65.84° × 41.77° × 54.4°
	2/3"Format	47.42° × 29.16° × 38.47°
Distortion	< -4%	< -2.5%
Working Distance	0.3m ~ ∞	0.1m ~ ∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M77 × 0.75	M72 × 0.75
Dimension	∅80 × 104.41mm	∅76 × 102.41mm
Weight	670g	690g



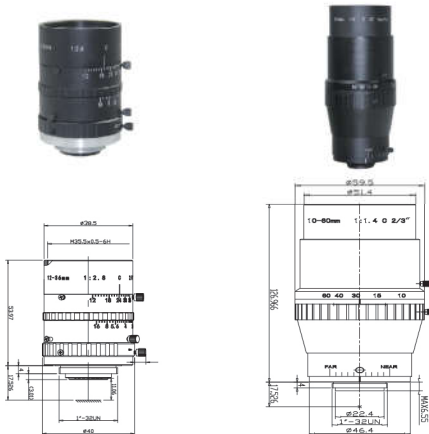
Item No	AZURE-2520MX5M	AZURE-3520MX5M
Resolution	150lp/mm (5MP)	150lp/mm (5MP)
Format	4/3"	4/3"
Mount	C	C
Focal Length	25mm	35mm
F/No	F2.0~F32	F2.0~F22
Back Focus	22.55mm	22.16mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	4/3"Format	48.2° × 28.6° × 37.4°
	1"Format	35.49° × 21.74° × 28.72°
	2/3"Format	24.81° × 15.04° × 19.96°
Distortion	< -1.4%	< -1.1%
Working Distance	0.15m ~ ∞	0.2m ~ ∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M35.5 × 0.5	M37.5 × 0.5
Dimension	38.5 × 103.42mm	∅42 × 103.37mm
Weight	383g	510g



Vari-focal Lenses Series



Item No	AZURE-0812Z5M	AZURE-1040Z3M
Resolution	200lp/mm (5MP)	120lp/mm (3MP)
Format	1/2.5"	2/3"
Mount	C	C
Focal Length	8~12mm	10~40mm
F/No	F2.5~F22	F1.8~F16
Back Focus	10.05~12.36mm	10.39mm~11.50mm
Iris Type	M-Iris	M-Iris
Angle of view (D)	49.6°~34°	47.5°~16.7°
Distortion	-4%~-2.0%	-3.8%~3.3%
Working Distance	0.3m ~ ∞	0.3m ~ ∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M27 × 0.5	M40.5×0.5
Dimension	φ 34.5 × 48.77mm	φ 44.5 × 71.07mm
Weight	84.94g	225g



Item No	AZURE-1236ZM	AZURE-1060ZM
Resolution	100lp/mm (2MP)	100lp/mm (2MP)
Format	2/3"	2/3"
Mount	C	C
Focal Length	12~36mm	10~60mm
F/No	F2.8~F16	F1.4~
Back Focus	11.06mm	10.51mm
Iris Type	M-Iris	M-Iris
Angle of view (D)	49.8°~16.7°	51°~11°
Distortion	-3.6%~3.5%	<1%~12%
Working Distance	0.1m ~ ∞	0.5m ~ ∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M35.5×0.5	M49×0.75
Dimension	φ 38.5 × 53.97mm	φ 59.5 × 126.97mm
Weight	140g	532.5g

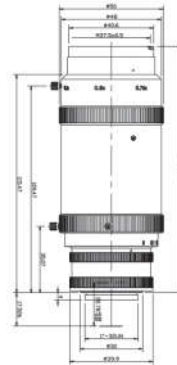


Item No	AZURE-1632ZL5M	AZURE-NV1236Z5M
Resolution	150lp/mm (5MP)	150lp/mm (5MP)
Format	1"	2/3"
Mount	C	C
Focal Length	16~32mm	12~36mm
F/No	F1.8~F16	F2.8~F22
Back Focus	21.58mm	8.16~11.78mm
Iris Type	M-Iris	M-Iris
Angle of view (D)	53.2°~27.5°	47.8°~16°
Distortion	<-1%~1%	-3.5%~2.1%
Working Distance	0.3m ~ ∞	0.2m ~ ∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M62×0.75	M37.5×0.5
Dimension	φ 65 × 113.4mm	φ 44.5 × 54.04mm
Weight	619g	175.26g

Macro Lenses Series

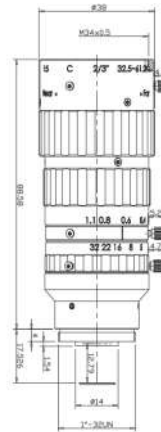
Item No AZURE-0307XTHM

Resolution	6MP		
Format	2/3"		
Mount	C		
Magnification	0.3X	0.5X	0.75X
Effective F/No	F2.8		
Back Focus	22.78mm		
Iris Type	Manual		
Angle of view	36.67x22x39.33mm	22x13.2x17.6mm	14.67x8.8x11.73mm
Distortion	-0.21%~+0.51%		
Working Distance	178.6mm	138.5mm	120mm



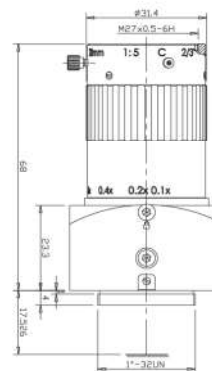
Item No AZURE-0311XZM

Resolution	3MP		
Format	2/3"		
Mount	C		
Focal Length	0.3X~1.1X		
F/No	F7.6~F32		
Back Focus	12.78mm		
Iris Type	Manual		
Angle of view (DXVXH)	2/3"Format	11.3°~17.37°	6.79°~10.47°
	1/2"Format	8.23°~12.68°	4.94°~7.63°
Distortion	-0.1%~1.1%		
Working Distance	0.083m~0.103m		
Design Wavelength	400~700nm		
Filter Thread	M34X0.5		
Dimension	φ 38X88.58		



Item No AZURE-0110XSMA

Resolution	3MP		
Format	2/3"		
Mount	C		
Focal Length	0.1X~1.0X		
F/No	F5.0		
Back Focus	21.05mm		
Iris Type	Fixed		
Angle of view (DXVXH)	2/3"Format	22.15°x13.4°x17.8°	
	1/2"Format	16.26°x9.8°x13.04°	
	1/3"Format	12.23°x7.36°x9.8°	
Distortion	<0.05%		
Working Distance	0.05m~∞		
Design Wavelength	400~700nm		
Filter Thread	M27x0.5		
Dimension	φ 31.4x68mm		
Weight	135.6g		



F Mount Line Scan Lenses



Item No	AZURE-2428MF	AZURE-2428MT
Resolution	30lp/mm	30lp/mm
Format	43mm	43mm
Mount	F	M42×1(T)
Focal Length	24.92mm	24.92mm
F/No	F2.8~F22	F2.8~F22
Back Focus	35.99mm	35.99mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	84°x53°x74°	84°x53°x74°
Distortion	<-4.2%	<-4.2%
Working Distance	0.15m ~ ∞	0.15m ~ ∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M52×0.75	M52×0.75
Dimension	φ 60×40.21mm	φ 60×40.21mm
Weight	230g	200g



Item No	AZURE-2828MF	AZURE-2828MT
Resolution	30lp/mm	30lp/mm
Format	43mm	43mm
Mount	F	M42×1(T)
Focal Length	28mm	28mm
F/No	F2.8~F22	F2.8~F22
Back Focus	35.7mm	35.7mm
Iris Type	M-Iris	M-Iris
Angle of view (D)	73.6°x40.5°x45.2°	73.6°x40.5°x45.2°
Distortion	<-3%	<-3%
Working Distance	0.3m ~ ∞	0.3m ~ ∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M52×0.75	M52×0.75
Dimension	φ 60×34.17mm	φ 60×34.17mm
Weight	220g	170g



Item No	AZURE-3525MF	AZURE-3525MT
Resolution	30lp/mm	30lp/mm
Format	43mm	43mm
Mount	F	M42×1(T)
Focal Length	35mm	35mm
F/No	F2.5~F16	F2.5~F16
Back Focus	34.35mm	34.35mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	62.4°x37°x53.8°	62.4°x37°x53.8°
Distortion	<-3%	<-3%
Working Distance	0.3m ~ ∞	0.3m ~ ∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M52×0.75	M52×0.75
Dimension	φ 60×43.73mm	φ 60×43.73mm
Weight	250g	230g

F Mount Line Scan Lenses

Item No	AZURE-5018MF	AZURE-5018MT
Resolution	30lp/mm	30lp/mm
Format	43mm	43mm
Mount	F	M42×1(T)
Focal Length	50mm	50mm
F/No	F1.8~F22	F1.8~F22
Back Focus	36.33mm	36.33mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	46.67°x26.99°x39.6°	46.67°x26.99°x39.6°
Distortion	<-0.25%	<-0.25%
Working Distance	0.4m ~ ∞	0.4m ~ ∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M52×0.75	M52×0.75
Dimension	φ60×39.04mm	φ60×39.04mm
Weight	230g	200g



Item No	AZURE-2528MF	AZURE-2528MT
Resolution	50lp/mm	50lp/mm
Format	43mm	43mm
Mount	F	M42×1(T)
Focal Length	25mm	25mm
F/No	F2.8~F32	F2.8~F32
Back Focus	31.5mm	31.5mm
Iris Type	Manual Iris	Manual Iris
Angle of view (DXVXH)	82.30°x51.10°x72.00°	82.30°x51.10°x72.00°
Distortion	<-3.7%	<-3.7%
Working Distance	0.15m ~ ∞	0.15m ~ ∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M55×0.75	M55×0.75
Dimension	φ61.4×40.25mm	φ61.4×40.25mm
Weight	320g	300g



Item No	AZURE-2828MF-I	AZURE-2828MT-I
Resolution	50lp/mm	50lp/mm
Format	43mm	43mm
Mount	F	M42×1(T)
Focal Length	28mm	28mm
F/No	F2.8~F32	F2.8~F32
Back Focus	33.46mm	33.46mm
Iris Type	Manual Iris	Manual Iris
Angle of view (DXVXH)	73.6°x44.4°x63.4°	73.6°x44.4°x63.4°
Distortion	<-3%	<-3%
Working Distance	0.3m ~ ∞	0.3m ~ ∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M52×0.75	M52×0.75
Dimension	φ61.4×37.57mm	φ61.4×37.57mm
Weight	290g	270g



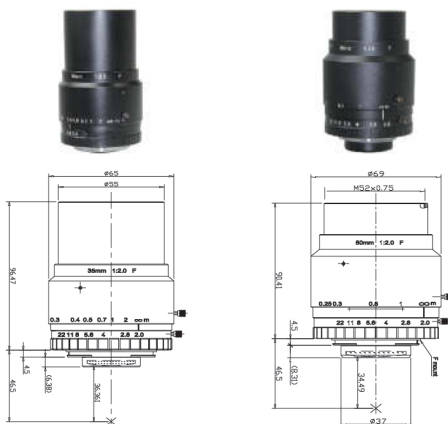
F Mount Line Scan Lenses



Item No	AZURE-3528MF-I	AZURE-3528MT-I
Resolution	50lp/mm	50lp/mm
Format	43mm	43mm
Mount	F	M42×1(T)
Focal Length	35mm	35mm
F/No	F2.8 ~ F32	F2.8 ~ F32
Back Focus	34.82mm	34.82mm
Iris Type	Manual Iris	Manual Iris
Angle of view (DXVXH)	61.60°×36.20°×52.60°	61.60°×36.20°×52.60°
Distortion	<-2.8%	<-2.8%
Working Distance	0.3m~∞	0.3m~∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M52×0.75	M52×0.75
Dimension	φ 61.4×44.41mm	φ 61.4×44.41mm
Weight	360g	340g



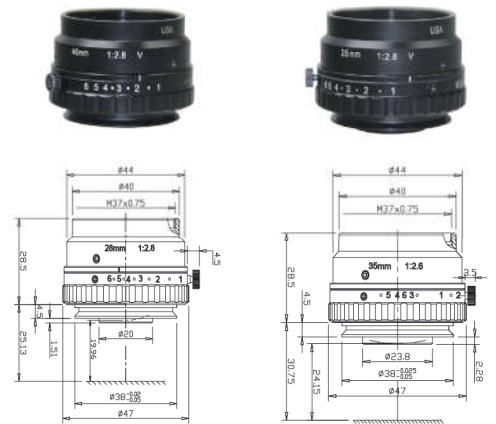
Item No	AZURE-5028MF-I	AZURE-5028MT-I
Resolution	50lp/mm	50lp/mm
Format	43mm	43mm
Mount	F	M42×1(T)
Focal Length	50mm	50mm
F/No	F2.8 ~ F32	F2.8 ~ F32
Back Focus	33.88mm	33.88mm
Iris Type	Manual Iris	Manual Iris
Angle of view (DXVXH)	46.54°×26.99°×39.60°	46.54°×26.99°×39.60°
Distortion	<2.4%	<2.4%
Working Distance	0.4m~∞	0.4m~∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M52×0.75	M52×0.75
Dimension	φ 61.4×44.38mm	φ 61.4 × 44.38mm
Weight	340g	320g



Item No	AZURE-3520MF	AZURE-5020MF
Resolution	50lp/mm	50lp/mm
Format	43mm	43mm
Mount	F	F
Focal Length	35mm	50mm
F/No	F2.0 ~ F22	F2.0 ~ F22
Back Focus	36.36mm	34.49mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	60.57°×36.22°×52°	44°×25.06°×37.17°
Distortion	<-0.25%	<0.15%
Working Distance	0.3m ~ ∞	0.25m ~ ∞
Design Wavelength	400~700nm	400~700nm
Filter Thread	M52×0.75	M52×0.75
Dimension	φ 65×96.47mm	φ 69×90.41mm
Weight	620g	740g

V38 Mount Lenses Series

Item No	ELS-28/2.8V			ELS-35/2.6V		
Resolution	40lp/mm			40lp/mm		
Focal Length(mm)	28			35		
Magnification	0.04X	0.1X	0.33X	0.04X	0.1X	0.33X
Working Distance(mm)	734.08	294.58	90.37	879.70	357.40	114.71
O/I distance(mm)	788.88	351.14	153.67	940.34	420.13	185.45
Working # (fullopen)	3.11	3.1	3.1	2.68	2.67	2.67
F/No	2.8			2.6		
D OF	+/-48.59	+/-7.775	+/-0.71	+/-41.88	+/-6.68	+/-0.61
Distortion	0.02%	-0.5%	-1.5%	-0.5%	0.16%	0.5%
Back Focus(mm)	21.13	22.89	29.52	25.51	27.59	35.51
Format(mm)	30			30		
Filter Thread	M37 × 0.75			M37 × 0.75		
Flange distance	26.30	28.06	34.80	32.14	34.23	42.24
Weight	89g			97g		



Item No	ELS-40/2.8V			ELS-45/40V		
Resolution	40lp/mm			40lp/mm		
Focal Length(mm)	40			45		
Magnification	0.04X	0.1X	0.33X	0.04X	0.17X	0.33X
Working Distance(mm)	1053.95	431.15	141.76	1183.48	299.35	160.45
O/I distance(mm)	1122.22	501.91	222.07	1257.69	379.47	248.30
Working # (fullopen)	2.98	3.14	3.78	4.23	4.72	5.37
F/No	2.8			4		
D OF	+/-46.56	+/-7.85	+/-0.87	+/-66.09	+/-4.23	+/-1.21
Distortion	-0.5%	-0.2%	0.2%	-0.2%	-0.1%	0.15%
Back Focus(mm)	34.35	36.8	46.25	39.88	45.7	53.34
Format(mm)	43			43		
Filter Thread	M37 × 0.75			M37 × 0.75		
Flange distance	39.77	42.26	51.81	44.21	50.12	57.84
Weight	90g			89g		



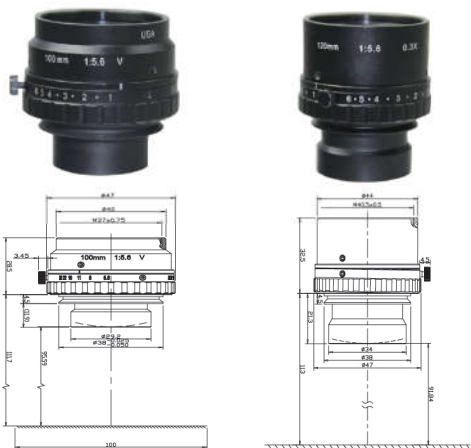
Item No	ELS-50/2.8V			ELS-60/4.0V		
Resolution	40lp/mm			40lp/mm		
Focal Length(mm)	50			60		
Magnification	0.08X	0.17X	0.34X	0.04X	0.17X	0.33X
Working Distance(mm)	631.37	327.15	176.40	1532.61	393.81	215.24
O/I distance(mm)	703.04	406.03	263.72	1618.82	487.71	319.19
Working # (fullopen)	3.09	3.33	3.81	4.19	4.67	5.3
F/No	2.8			4.137		
D OF	+/-11.21	+/-2.99	+/-0.85	+/-64.82	+/-4.14	+/-1.18
Distortion	0.4%	0.15%	-0.2%	0.4%	0.1%	-0.15%
Back Focus(mm)	39.31	43.44	51.78	51.7	59.29	69.26
Format(mm)	43			60		
Filter Thread	M37 × 0.75			M37 × 0.75		
Flange distance	46.17	50.38	58.82	55.7	63.4	73.45
Weight	94g			94g		



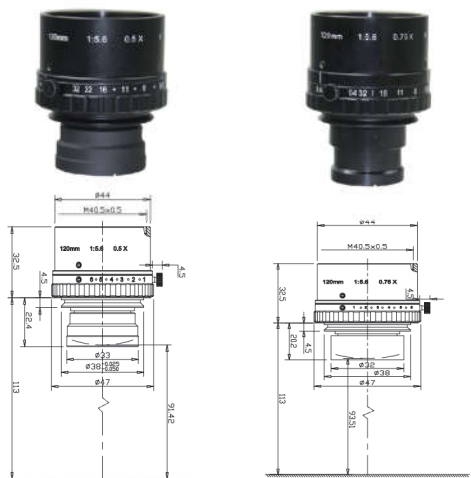
V38 Mount Lenses Series



Item No	ELS-80/40V			ELS-90/4.5V		
Resolution	40lp/mm			40lp/mm		
Focal Length(mm)	80			90		
Magnification	0.08X	0.17X	0.33X	0.08X	0.17X	0.33X
Working Distance(mm)	1014.82	532.11	292.05	1160.82	607.41	333.99
O/I distance(mm)	1129.73	653.74	427.03	1283.40	737.66	479.49
Working # (fullopen)	4.37	4.7	5.34	4.98	5.35	6.09
F/No	4			4.796		
D O F	+/-15.71	+/-4.213	+/-1.2	+/-18.07	+/-4.80	+/-1.36
Distortion	0.3%	0.07%	-0.17%	0.3%	-0.02%	-0.25%
Back Focus(mm)	69.22	75.87	89.11	74.24	81.91	96.98
Format(mm)	78			90		
Filter Thread	M37 x 0.75			M37 x 0.75		
Flange distance	84.21	90.93	104.28	94.08	101.75	117.00
Weight	135g			122g		



Item No	ELS-100/5.6V			ELS-120/5.6V-0.3X		
Resolution	40lp/mm			40lp/mm		
Focal Length(mm)	100			120		
Magnification	0.08X	0.17X	0.33X	0.26X	0.32X	0.38X
Working Distance(mm)	1305.66	691.29	384.42	546.65	460.91	402.24
O/I distance(mm)	1438.54	832.69	542.85	723.3	664.76	593.29
Working # (fullopen)	6.08	6.57	7.52	7.15	7.49	7.83
F/No	5.6			5.6		
D O F	+/-21.93	+/-5.92	+/-1.69	+/-2.62	+/-1.81	+/-1.34
Distortion	0.15%	0.08%	-0.06%	0.03%	-0.02%	-0.05%
Back Focus(mm)	88.07	96.59	113.61	123.51	130.71	137.91
Format(mm)	100			90		
Filter Thread	M37X0.75			M40.5X0.5		
Flange distance	104.38	112.90	129.93	144.15	151.35	158.55
Weight	106.5g			151g		



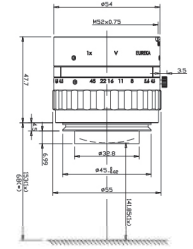
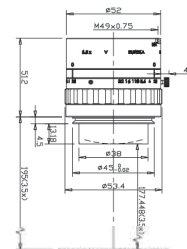
Item No	ELS-120/5.6V-0.5X			ELS-120/5.6V-0.75X		
Resolution	40lp/mm			40lp/mm		
Focal Length(mm)	120			120.69		
Magnification	0.38X	0.50X	0.63X	0.5X	0.75X	1.00X
Working Distance(mm)	410.33	330.46	282.54	336.63	255.77	215.38
O/I distance(mm)	601.13	536.39	503.61	545.36	494.82	484.73
Working # (fullopen)	7.8	8.51	9.22	8.81	10.38	11.17
F/No	5.6			5.6		
D O F	+/-1.37	+/-0.842	+/-0.58	+/-0.88	+/-0.461	+/-0.28
Distortion	0.06%	0.01%	-0.03%	0.11%	0.02%	11.17%
Back Focus(mm)	137.27	152.40	167.54	148.30	176.63	208.93
Format(mm)	90			90		
Filter Thread	M40.5x0.5			M40.5x0.5		
Flange distance	158.31	173.43	188.57	173.63	203.95	234.25
Weight	145g			173.8g		

Item No	ELS-120/5.6V-1.0X		
Resolution	40lp/mm		
Focal Length(mm)	120.69		
Magnification	0.88X	1.00X	1.13X
Working Distance(mm)	228.86	211.61	198.20
O/I distance(mm)	479.95	477.79	479.47
Working # (fullopen)	10.56	11.26	11.97
F/No	5.6		
D O F	+/-0.34	+/-0.28	+/-0.24
Distortion	0%	0%	-0.02%
Back Focus(mm)	199.04	214.13	229.21
Format(mm)	90		
Filter Thread	M40.5x0.5		
Flange distance	218.59	233.68	248.76
Weight	148g		

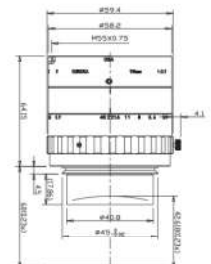
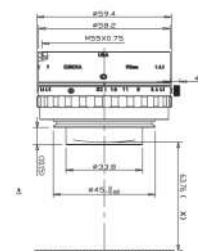


V45 Mount Lenses Series

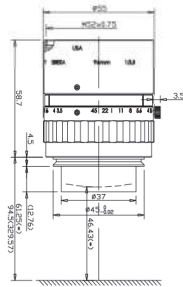
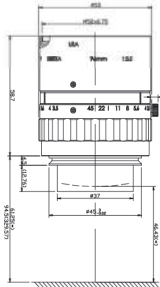
Item No	ELS-50/2.8V16K			ELS-85/4.5V16K		
Resolution	40lp/mm			100lp/mm		
Focal Length(mm)	50.76			85		
Magnification	3X	3.5X	4X	0.5X	1X	2X
Working Distance(mm)	18.03	15.61	13.8	223.35	138.35	95.85
O/I distance(mm)	238.70	261.66	285.23	381.55	339.05	381.55
Working # (fullopen)	10.3	11.52	12.73	6.84	9.14	13.77
F/No	3			4.5		
D O F	+/-0.03	+/-0.02	+/-0.02	+/-0.27	+/-0.09	+/-0.03
Distortion	0.2%	0.005%	-0.1%	0.3%	0.07%	-0.17%
Back Focus(mm)	75.55	100.93	126.31	99.28	141.78	226.78
Format(mm)	62			62		
Filter Thread	M49x0.75			M52x0.75		
Flange distance	169.47	194.85	220.23	110.50	153.00	238.00
Weight	232.14			-		



Item No	ELS-95/3.9V16K			ELS-95/4.5V16K		
Resolution	100lp/mm			100lp/mm		
Focal Length(mm)	95.21			95.56		
Magnification	0.21X	0.23X	0.26X	0.03X	0.07X	0.17X
Working Distance(mm)	504.28	465.16	417.39	3250.92	1430.73	627.70
O/I distance(mm)	648.73	611.21	566.30	3370.60	1554.23	760.76
Working # (fullopen)	4.89	4.89	5.11	4.74	4.93	5.42
F/No	3.9			4.5		
D O F	+/-1.11	+/-0.94	+/-0.76	+/-52.67	+/-10.06	+/-1.88
Distortion	0.3%	0.07%	-0.17%	0.2%	0.069%	-0.12%
Back Focus(mm)	62.61	64.52	67.37	66.57	70.39	79.95
Format(mm)	62			62		
Filter Thread	M55x0.75			M55x0.75		
Flange distance	79.99	81.90	84.75	79.87	83.69	93.25
Weight	445g			271g		

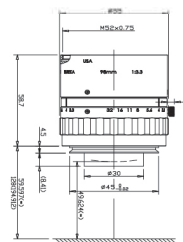
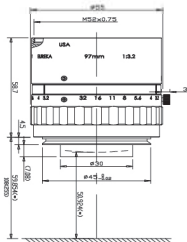


V45 Mount Lenses Series



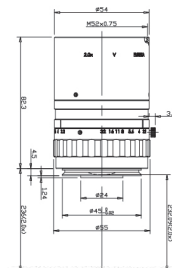
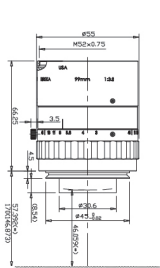
Item No **ELS-96/3.5V16K** **ELS-96/3.7V16K**

Resolution	100lp/mm			100lp/mm		
Focal Length(mm)	96			95.58		
Magnification	0.33X	0.35X	0.37X	0.27X	0.29X	0.32X
Working Distance(mm)	340.31	323.74	308.96	408.43	384.02	357.86
O/I distance(mm)	491.84	477.18	464.32	551.14	528.63	504.87
Working # (fullopen)	4.87	4.95	5.04	4.91	4.99	5.09
F/No	3.5			3.7		
D O F	+/-0.45	+/-0.4	+/-0.37	+/-0.67	+/-0.59	+/-0.51
Distortion	0.08%	0.005%	-0.06%	0.1%	0.0025%	-0.04%
Back Focus(mm)	77.77	79.66	81.59	79.81	81.72	84.11
Format(mm)	62			62		
Filter Thread	M52x0.75			M55x0.75		
Flange distance	92.83	94.75	96.66	85.81	87.72	90.11
Weight	338g			364g		



Item No **ELS-97/3.2V16K** **ELS-98/3.3V16K**

Resolution	80lp/mm			80lp/mm		
Focal Length(mm)	97			98		
Magnification	0.47X	0.5X	0.53X	0.67X	0.7X	0.74X
Working Distance(mm)	265.37	252.99	242.00	199.32	193.06	185.50
O/I distance(mm)	429.51	420.04	411.97	383.20	379.88	376.23
Working # (fullopen)	5.26	5.39	5.52	6.39	6.53	6.71
F/No	3.2			3.3		
D O F	+/-0.34	+/-0.31	+/-0.28	+/-0.2	+/-0.19	+/-0.17
Distortion	0.04%	0.02%	-0.03%	0.07%	0.027%	-0.05%
Back Focus(mm)	96.06	98.97	101.88	115.09	118.03	121.95
Format(mm)	62			62		
Filter Thread	M52x0.75			M52x0.75		
Flange distance	105.44	108.35	111.26	125.18	128.12	132.04
Weight	300g			315g		



Item No **ELS-99/3.0V16K** **ELS-106/3.2V16K**

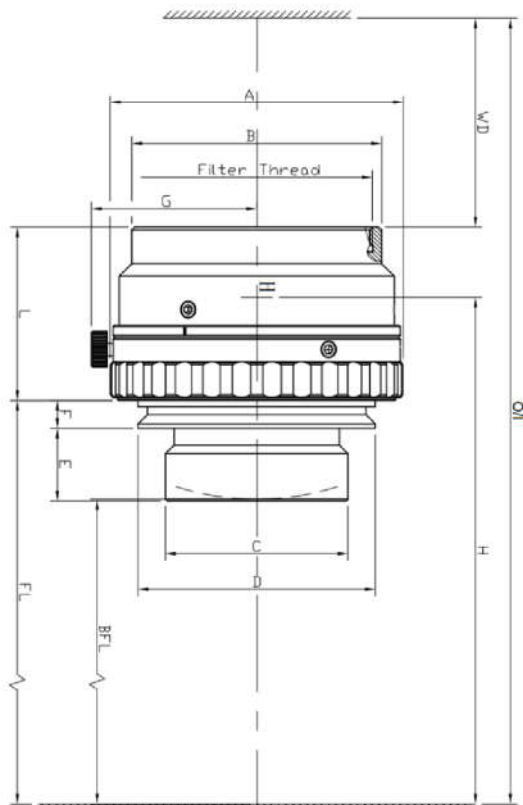
Resolution	80lp/mm			40lp/mm		
Focal Length(mm)	99			105.7		
Magnification	1.08X	1.14X	1.2X	1.9X	2X	2.1X
Working Distance(mm)	147.86	143.04	138.71	106.20	103.42	100.90
O/I distance(mm)	378.23	379.34	380.93	413.87	421.66	429.71
Working # (fullopen)	8	8.29	8.56	22.46	23.47	24.48
F/No	3			3.2		
D O F	+/-0.1	+/-0.09	+/-0.08	+/-0.16	+/-0.15	+/-0.14
Distortion	0.5%	0.029%	-0.07%	0.06%	0.05%	-0.03%
Back Focus(mm)	152.78	158.71	164.64	221.52	232.09	242.66
Format(mm)	82			82		
Filter Thread	M52x0.75			M52x0.75		
Flange distance	164.12	170.05	175.98	225.37	235.94	246.51
Weight	390g			378g		

Item No **ELS-107/3.3V16K**

Resolution	40lp/mm		
Focal Length(mm)	107		
Magnification	1.65X	1.75X	1.85X
Working Distance(mm)	161.80	158.09	154.79
O/I distance(mm)	446.31	453.30	460.70
Working # (fullopen)	20.38	21.4	22.44
F/No	3.3		
D O F	+/-0.19	+/-0.17	+/-0.16
Distortion	0.06%	0.05%	0.05%
Back Focus(mm)	191.01	201.71	212.41
Format(mm)	82		
Filter Thread	M52x0.75		
Flange distance	205.30	216.00	226.70
Weight	377g		



Dimension Chart



Item NO	Dimension(mm)						
	A	B	C	DMount	E	F	G
ELS-28/2.8V	47	40	20	38	1.51	4.5	27.5
ELS-35/2.6V	47	40	23.8	38	2.28	4.5	26.5
ELS-40/2.8V	47	40	21	38	2.12	4.5	27.5
ELS-45/4.0V	47	40	18	38	1.9	4.5	26.7
ELS-50/2.8V	47	40	3.31	38	4.3	4.5	26.3
ELS-60/4.0V	47	40	24.2	38	0.6	4.5	26.5
ELS-80/4.0V	47	40	31	38	9.53	4.5	28
ELS-90/4.5V	47	40	33.5	38	15.47	4.5	27.5
ELS-100/5.6V	47	40	29.2	38	11.9	4.5	26.45
ELS-120/5.6V-0.3X	47	44	34	38	16.8	4.5	27.5
ELS-120/5.6V-0.5X	47	44	33	38	17.9	4.5	28
ELS-120/5.6V-0.75X	47	44	32 (29.38)	38	22.7	4.5	26.5
ELS-120/5.6V-1.0X	47	44	32	38	15.7	4.5	27

Item NO	Dimension(mm)						
	A	B	C	DMount	E	F	G
ELS-50/2.8V16K	53.4	52	38	45	13.18	4.5	30.5
ELS-85/4.5V16K	55	54	32.8	45	6.99	4.5	30.5
ELS-95/3.9V16K	59.4	58.2	40.8	45	17.86	4.5	33.2
ELS-95/4.5V16K	59.4	58.2	33.8	45	10.15	4.5	33.2
ELS-96/3.5V16K	55	54	37	45	12.76	4.5	30.5
ELS-96/3.7V16K	59.4	58.2	36.6	45	2.7	4.5	33.3
ELS-97/3.2V16K	55	54	30	45	7.08	4.5	30.5
ELS-98/3.3V16K	55	54	30	45	8.41	4.5	30.5
ELS-99/3.0V16K	55	54	30.6	45	8.54	4.5	30.5
ELS-106/3.2V16K	55	54	24	45	1.24	4.5	30.5
ELS-107/3.3V16K	55	54	24	45	12.5	4.5	30.5

V-mount Lens accessory

Focus Ring

	Item No	AZURE-ADV17.4-29.4
	Description	V38mount toV38 mount
	Outer diameter	47.6mm
	extension range	17.4mm-29.4mm

	Item No	AZURE-ADV20-27
	Description	V38mount toV38 mount
	Outer diameter	44mm
	extension range	20mm-27mm

	Item No	AZURE-ADVM58(20-27)
	Description	V38 mount to M58X0.75
	Outer diameter	60mm
	extension range	20mm-27mm

	Item No	AZURE-ADVC(19.2-24.2)
	Description	V38 mount to C-mount
	Outer diameter	44mm
	extension range	19.2mm-24.2mm

	Item No	AZURE-ADVC(34.2-39.2)
	Description	V38 mount to C-mount
	Outer diameter	44mm
	extension range	34.2mm-39.2mm

	Item No	AZURE-ADVM58(18-29)
	Description	V38 mount to M58X0.75
	Outer diameter	60mm
	extension range	18mm-29mm

	Item No	AZURE-ADV45M58(20-27)
	Description	45mmV38 mount to M58X0.75
	Outer diameter	61mm
	extension range	20mm-27mm

	Item No	AZURE-ADV38M42E3
	Description	V38 mount
	Outer diameter	48mm
	extension range	14.3mm-18.3mm

Extension Tubes

	Item No	AZURE-ADV6
	Description	V38mount toV38 mount
	Outer diameter	44mm
	extension length	6mm

	Item No	AZURE-ADV8
	Description	V38mount toV38 mount
	Outer diameter	44mm
	extension length	8mm

	Item No	AZURE-ADV10
	Description	V38mount toV38 mount
	Outer diameter	44mm
	extension length	10mm

	Item No	AZURE-ADV25
	Description	V38mount toV38 mount
	Outer diameter	44mm
	extension length	25mm

	Item No	AZURE-ADV50
	Description	V38mount toV38 mount
	Outer diameter	44mm
	extension length	50mm

	Item No	AZURE-ADV75
	Description	V38mount toV38 mount
	Outer diameter	44mm
	extension length	75mm

Extension Tubes

	Item No	AZURE-ADM72E5
	Description	M72x0.75 to M72x0.75
	Outer diameter	75mm
	extension length	5mm

	Item No	AZURE-ADM72E10
	Description	M72x0.75 to M72x0.75
	Outer diameter	75mm
	extension length	10mm

	Item No	AZURE-ADM72E25
	Description	M72x0.75 to M72x0.75
	Outer diameter	75mm
	extension length	25mm

	Item No	AZURE-ADM72E50
	Description	M72x0.75 to M72x0.75
	Outer diameter	75mm
	extension length	50mm

	Item No	AZURE-ADM90E50
	Description	M90x1 to M90x1
	Outer diameter	94mm
	extension length	50mm

	Item No	AZURE-ADM90E100
	Description	M90x1 to M90x1
	Outer diameter	94mm
	extension length	100mm

	Item No	AZURE-ADM95E50
	Description	M90x1 to M90x1
	Outer diameter	99mm
	extension length	50mm

	Item No	AZURE-ADM95E100
	Description	M90x1 to M90x1
	Outer diameter	99mm
	extension length	100mm

M58X0.75 Extension Tubes

	Item No	AZURE-ADM58E10
	Description	M58X0.75toM58X0.75
	Outer diameter	61mm
	extension length	10mm

	Item No	AZURE-ADM58E25
	Description	M58X0.75toM58X0.75
	Outer diameter	61mm
	extension length	25mm

M42X1 Extension Tubes

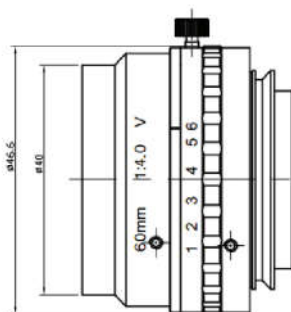
	Item No	AZURE-ADM42E5
	Description	M42x1
	Outer diameter	5mm
	extension length	50mm

	Item No	AZURE-ADM42E34.5
	Description	M42x1
	Outer diameter	50mm
	extension length	34.5mm

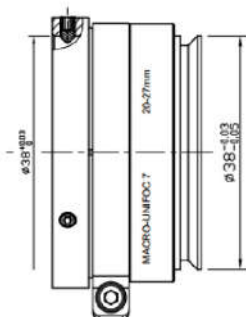
	Item No	AZURE-ADM42E38.5
	Description	M42x1
	Outer diameter	50mm
	extension length	38.5mm

FB Conversion Adapter

	Item No	Description	Outer diameter	extension length
Adapters	AZURE-ADV6.5	V38mount to M42x1	44	6.5mm
	AZURE-ADVC	V38 mount to C-mount	44	6.5mm
	AZURE-ADVF9	V38 mount to F-mount	64.4	9mm
	AZURE-ADVL(Leica)	V38 mount to M39 x1/26	44	6.5mm
	AZURE-ADFT34.5	F mount to M42 x1	56.9	34.5mm
	AZURE-ADFT42	F mount to M42 x1	56.9	37.9mm
	AZURE-ADFM58	F mount to M58 x0.75	61	34.5mm
Others	AZURE-ADM58M72	M58 x0.75to M72x0.75	75	2mm
	AZURE-ADM72M90	M72 x0.75to M90x1	100	4
	AZURE-ADM90M95	M90x1to M95x1	98	4
	AZURE-ADM72D	M72 x0.75 to Dalsa Piranha series Camera	78	35mm
	AZURE-ADCM42	C-mount to M42x1	45	9.53mm
	AZURE-ADTC	T-mount to C-mount	45	28.97mm
	AZURE-ADM72M42	M72x0.75to M42x1	75	15.8
	AZURE-ADCNF	C-mount to M17x0.75	28	5.526
	AZURE-ADSC	S-mount to C-mount	27	/



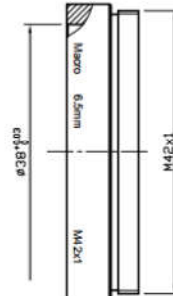
V-Mount



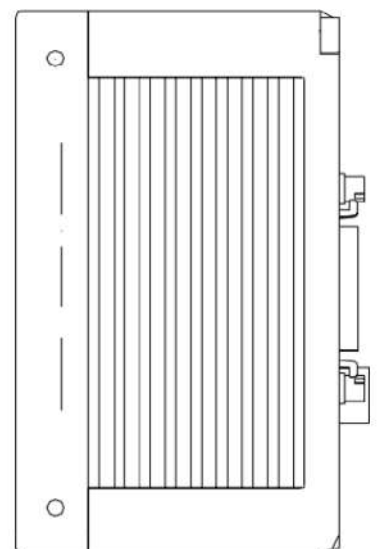
Focus Ring



Extension Tubes



Camera Adapters



Line Scan Camera

UV Lenses Series

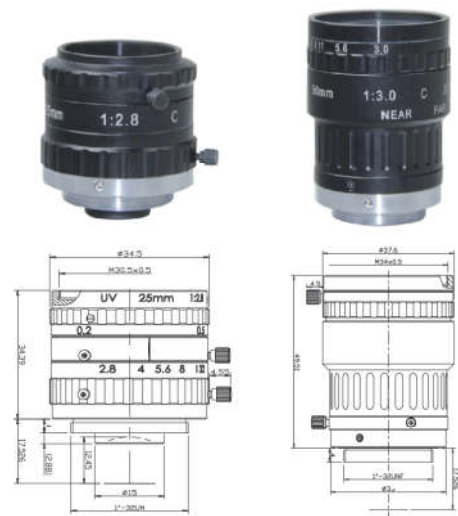
Plenty of light transmission, excellent achromatic cindition.

Wavelength 200-1000nm.

Applied to shoot fingerprints on glasses, plastics, ceramics, enamels, oil paint, photos and tapes

Able to show the high contrast between fingerprints and surroundings so as to reduce and even eliminate the background interference.

Item No	AZURE-2528UV	AZURE-5030UV
Resolution	100lp/mm (2MP)	100lp/mm (2MP)
Format	2/3"	2/3"
Mount	C	C
Focal Length	25mm	50mm
F/No	F2.8~F32	F3.0~F32
Back Focus	12.45mm	26.55mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	2/3"Format	24.81°×15.1°×20°
	1/2"Format	18.18°×10.97°×14.59°
	1/3"Format	13.69°×8.24°×10.97°
	1/4"Format	9.15°×5.5°×7.32°
Distortion	<-0.06%	<0.1%
Working Distance	0.2m~∞	0.3m~∞
Design Wavelength	200~1000nm	200~1000nm
Filter Thread	M30.5 × 0.5	M34 × 0.5
Dimension	φ 34.5 × 34.39mm	φ 37.6 × 49.51mm
Weight	68.2g	110g



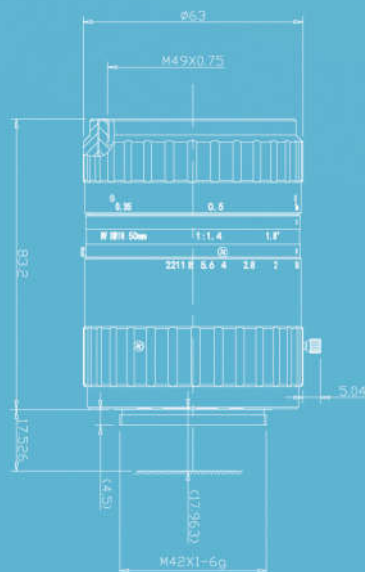
Item No		AZURE-7538UV
Resolution		100lp/mm (2MP)
Format		2/3"
Mount		C
Focal Length		75mm
F/No		F3.8~F32
Back Focus		47.32mm
Iris Type		M-Iris
Angle of view (DXVXH)	2/3"Format	8.36°× 5.06°×6.7°
	1/2"Format	6.10°× 3.67°×4.89°
	1/3"Format	4.58°× 2.75°×3.67°
	1/4"Format	3.05°× 1.83°×2.44°
Distortion		<-0.1%
Working Distance		0.5m~∞
Design Wavelength		200~1000nm
Filter Thread		M34× 0.5
Dimension		φ 40.2× 70.38mm
Weight		114g





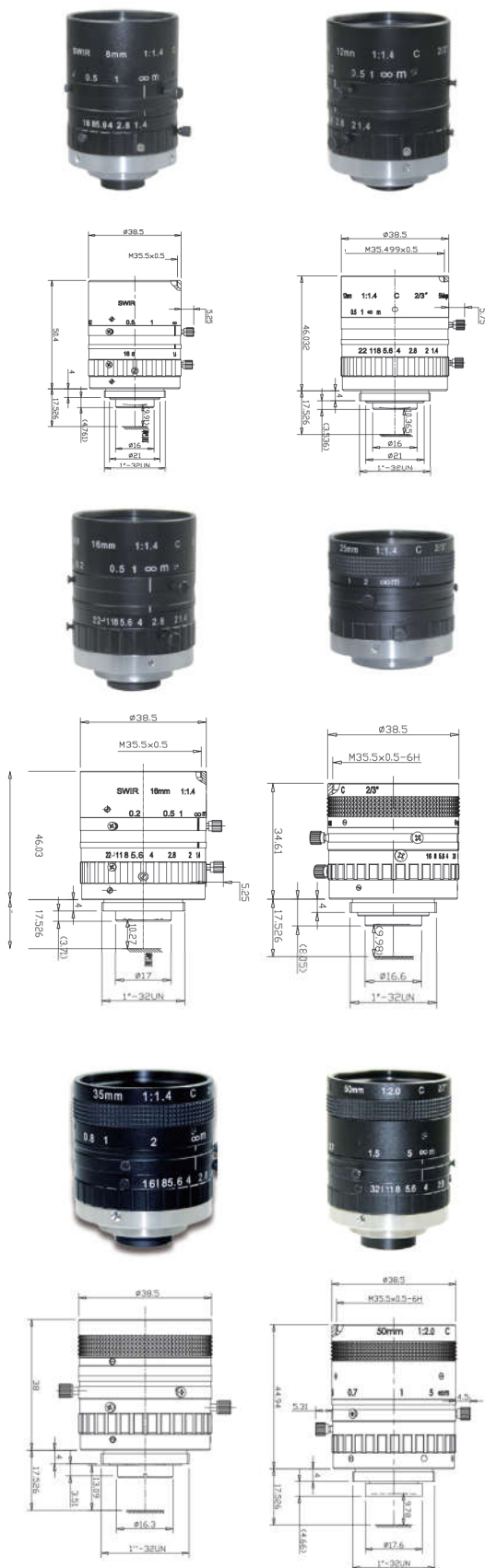
SWIR

Lenses Series



Item No		AZURE-NV5014SWIR
Resolution		60lp/mm
Format		28.6mm
Mount		M42x1
Focal Length		50mm
F/No		F1.4
Back Focus		9.1mm
Iris Type		Manual
Angle of view (DXVXH)	1.8"Format	27.26°×16.62°×22.02°
	4/3"Format	23.18°×14.05°×18.66°
	1"Format	16.64°×10.03°×13.35°
Distortion		<-0.22%
Working Distance		0.3m~∞
Design Wavelength		900~1700nm
Filter Thread		M49×0.75
Dimension		Φ 63×83.2mm
Weight		-

SWIR Lenses Series



Item No	AZURE-0814SWIR-S	AZURE-1214SWIR-S
Resolution	60lp/mm	40lp/mm
Format	2/3"	2/3"
Mount	C	C
Focal Length	8.5mm	12.5mm
F/No	F1.4~F16	F1.4~F22
Back Focus	9.91mm	10.365mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	2/3"Format	61°×42.8°×51.8°
	1/2"Format	53.1°×33.4°×43.6°
	1/3"Format	41.1°×25.4°×33.4°
Distortion	<-1.2%	<-0.4%
Working Distance	0.2m ~ ∞	0.2m ~ ∞
Design Wavelength	900~1700nm	900~1700nm
Filter Thread	M35.5 × 0.5	M35.5 × 0.5
Dimension	φ 38.5 × 50.4mm	φ 38.5 × 46.03mm
Weight	156g	150g

Item No	AZURE-1614SWIR-S	AZURE-2514SWIR-S
Resolution	40lp/mm	60lp/mm
Format	2/3"	2/3"
Mount	C	C
Focal Length	16.3mm	25.9mm
F/No	F1.4~F22	F1.4~F16
Back Focus	10.27mm	9.98mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	2/3"Format	36.6°×22.4°×29.6°
	1/2"Format	27.6°×16.8°×22.2°
	1/3"Format	20.9°×12.6°×16.8°
Distortion	<-0.4%	<-0.5%
Working Distance	0.2m ~ ∞	0.5m ~ ∞
Design Wavelength	900~1700nm	900~1700nm
Filter Thread	M35.5 × 0.5	M35.5 × 0.5
Dimension	φ 38.5 × 46.03mm	φ 38.5 × 34.61mm
Weight	139g	110g

Item No	AZURE-3514SWIR-S	AZURE-5020SWIR-S
Resolution	60lp/mm	60lp/mm
Format	2/3"	2/3"
Mount	C	C
Focal Length	35mm	50mm
F/No	F1.4~F16	F2.0~F32
Back Focus	13.09mm	9.78mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	2/3"Format	17.4°×10.6°×14°
	1/2"Format	13.04°×7.85°×10.45°
	1/3"Format	9.8°×5.89°×7.85°
Distortion	<-0.05%	<-0.1%
Working Distance	0.15m~∞	0.4m~∞
Design Wavelength	900~1700nm	900~1700nm
Filter Thread	M35.5 × 0.5	M35.5 × 0.5
Dimension	φ 38.5 × 38mm	φ 38.5 × 44.94mm
Weight	120g	152g

SWIR Lenses Series

Item No	AZURE-2518SWIR	AZURE-3514SWIR
Resolution	100lp/mm	50lp/mm
Format	1"	1"
Mount	C	C
Focal Length	25mm	35mm
F/No	F1.8~F16	F1.4~F16
Back Focus	12.496mm	11.1mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	1"Format	35.49°×21.74°×28.5°
	2/3"Format	24.81°×15.04°×19.96°
	1/2"Format	18.18°×10.97°×14.59°
	1/3"Format	13.69°×8.24°×10.97°
	1/4"Format	9.15°×5.5°×7.32°
Distortion	<-0.5%	<0.08%
Working Distance	0.3m~∞	0.3m~∞
Design Wavelength	900~1700nm	900~1700nm
Filter Thread	M30.5 × 0.5	M37 × 0.75
Dimension	φ40 × 46.81mm	φ40 × 39.18mm
Weight	145g	135g



Item No	AZURE-5014SWIR	AZURE-NV2514SWIR
Resolution	50lp/mm	40lp/mm
Format	1"	1"
Mount	C	C
Focal Length	50mm	25mm
F/No	F1.4~F16	F1.4~F22
Back Focus	11.28mm	12.08mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	1.8"Format	-
	4/3"Format	-
	1"Format	18.18°×10.97°×14.48°
	2/3"Format	12.55°×7.55°×10.06°
	1/2"Format	9.15°×5.5°×7.32°
Distortion	<0.05%	<-0.15%
Working Distance	0.5m~∞	0.3m~∞
Design Wavelength	900~1700nm	900~1700nm
Filter Thread	M46 × 0.75	M40.5 × 0.5
Dimension	φ52 × 51.22mm	φ49 × 56.23mm
Weight	245g	270.1



Item No	AZURE-NV2520SWIR	AZURE-NV3514SWIR
Resolution	40lp/mm	60lp/mm
Format	28mm	4/3"
Mount	C	M42x1(T)
Focal Length	25mm	35mm
F/No	F2.0~F22	F1.4~F16
Back Focus	15.7mm	9.1mm
Iris Type	M-Iris	M-Iris
Angle of view (DXVXH)	1.8"Format	56.2°×32.4°×48.2°
	4/3"Format	48.04°×29.8°×39.19°
	1"Format	35.49°×21.74°×28.72°
	2/3"Format	-
	1/2"Format	-
Distortion	<-2.3%	<-0.4%
Working Distance	0.25m~∞	0.3m~∞
Design Wavelength	900~1700nm	900~1700nm
Filter Thread	M40.5 × 0.5	M46 × 0.75
Dimension	φ44 × 48.53mm	φ55 × 54.17mm
Weight	195g	292.3g



Telecentric Lenses Series

Standard Telecentric lens										
parameter Item No	Working Distance	Magnification	Format	Mount	Effective F/ No.	F.O.V.(DxVxH)	Depth of Filed	Distortion	Dimention	Weight
AZURE-4020THM	40mm	2X	1/2"	C	21.08	3.2×2.4mm	0.4mm	<0.1%	∅ 30×55mm	38g
AZURE-60033TSM	60mm	0.33X	1/2"	C	8.22	19.39×14.55mm	6mm	<-0.014%	∅ 20×30.98mm	-
AZURE-6508TSM	65mm	0.8X	1/2"	C	14.9	8×6mm	1.8mm	<0.03%	∅ 18×91.37mm	60g
AZURE-6515TSM	65mm	1.5X	1/2"	C	15.5	4.27×3.2mm	0.6mm	<0.003%	∅ 16×78mm	47.5g
AZURE-6520TSM	65mm	2.0X	1/2"	C	17.3	3.2×2.4mm	0.3mm	<0.01%	∅ 16×81.37mm	53g
AZURE-6530TSM	65mm	3.0X	1/2"	C	21.9	2.13×1.6mm	0.2mm	<0.01%	∅ 16×83mm	53g
AZURE-6540TSM	65mm	4.0X	1/2"	C	27.4	1.6×1.2mm	0.14mm	<0.003%	∅ 16×104.46mm	63g
AZURE-6550TSM	65mm	5X	1/2"	C	34.07	1.6×1.2mm	0.109mm	<0.008%	∅ 16×102.5mm	63g
AZURE-6505THM	65mm	0.5X	2/3"	C	9.5	17.6×13.2mm	3mm	<0.03%	∅ 32×90.5mm	100g
AZURE-6510TSM	65mm	1.0X	2/3"	C	18.6	8.8×6.6mm	1.5mm	<0.003%	∅ 18×81.3mm	49.5g
AZURE-6510TSMH	65mm	1.0X	2/3"	C	16.7	8.8×6.6mm	1.3mm	<0.03%	∅ 22×66mm	-
AZURE-6515TSMH	65mm	1.5X	2/3"	C	18.5	5.87×4.4mm	1.5mm	<0.002%	∅ 20×85.4mm	-
AZURE-11008THM	110mm	0.8X	1/2"	C	16.7	8.01×6mm	2.09mm	<0.02%	∅ 31.6×94.19mm	-
AZURE-11005THM	110mm	0.5X	2/3"	C	9.6	17.6×9.6mm	3.0mm	<0.016%	∅ 34×146mm	143g
AZURE-11008TSM	110mm	0.8X	2/3"	C	10.8	11×8.25mm	1.3mm	<0.06%	∅ 30×96mm	114.5g
AZURE-11010TSM	110mm	1.0X	2/3"	C	11.1	8.8×6.6mm	0.9mm	<0.006%	∅ 29×91mm	94g
Telecentric lens with coaxial illumination type										
parameter Item No	Working Distance	Magnification	Format	Mount	Effective F/ No.	F.O.V.(DxVxH)	Depth of Filed	Distortion	Dimention	Weight
AZURE-6510TSMD	65mm	1.0X	2/3"	C	18.6	8.8×6.6mm	1.5mm	<0.003%	∅ 18×81.3mm	49.5g
AZURE-6515TSMD	65mm	1.5X	1/2"	C	15.5	4.27×3.2mm	0.6mm	<0.003%	∅ 16×78mm	54g
AZURE-6520TSMD	65mm	2.0X	1/2"	C	17.3	3.2×2.4mm	0.3mm	<0.01%	∅ 16×81.37mm	61g
AZURE-6530TSMD	65mm	3.0X	1/2"	C	21.9	2.13×1.6mm	0.2mm	<0.01%	∅ 16×83mm	59g
AZURE-6540TSMD	65mm	4.0X	1/2"	C	27.4	1.6×1.2mm	0.14mm	<0.003%	∅ 16×104.46mm	69g
AZURE-6503TH5MD	65mm	0.3X	2/3"	C	8.3	29.33×22mm	7.4mm	<0.03%	∅ 39×143.5mm	130g
AZURE-6505TH5MD	65mm	0.5X	2/3"	C	7.0	17.6×13.2mm	2.2mm	<0.03%	∅ 32×1137.6mm	65g
AZURE-11003TH5MD	110mm	0.3X	2/3"	C	7.4	29.3×22mm	6.35mm	<0.04%	∅ 49×152.69mm	-
AZURE-11004TH5MD	110mm	0.4X	2/3"	C	6.6	22×16.5mm	3.2mm	<0.01%	∅ 36×143.89mm	-
AZURE-11008TSMD	110mm	0.8X	2/3"	C	10.8	11×8.25mm	1.3mm	<0.06%	∅ 30×96mm	119.5g
AZURE-11010TSMD	110mm	1.0X	2/3"	C	11.1	8.8×6.6mm	0.9mm	<0.006%	∅ 29×91mm	110g
AZURE-11015TH10MD	110mm	1.5X	1.1"	C	-	-	0.33mm	<0.08%	∅ 37×128.45mm	-

Telecentric Lenses Series

THM series										
Item No	parameter	Working Distance	Magnification	Format	Mount	Effective F/ No.	F.O.V(DxVxH)	Depth of Filed	Distortion	Dimention
AZURE-6502TH5M		65mm	0.2X	2/3"	C	7.14	44×33mm	15mm	<0.041%	Φ 66×122.6mm
AZURE-6503TH5M		65mm	0.3X	2/3"	C	8.3	29.33×22mm	7.4mm	<0.03%	Φ 39×143.5mm
AZURE-6504TH5M		65mm	0.4X	2/3"	C	5.7	22×16.5mm	2.85mm	<0.08%	Φ 37×134.7mm
AZURE-6505TH5M		65mm	0.5X	2/3"	C	7.0	17.6×13.2mm	2.2mm	<0.03%	Φ 32×137.6mm
AZURE-6505TH10M		65mm	0.5X	1"	C	6.8	25.6 × 19.2mm	2.2mm	<0.003%	42 × 134.6mm
AZURE-6507TH5M		65mm	0.7X	2/3"	C	8.5	12.57×9.43mm	1.4mm	<0.017%	Φ 26×133.9mm
AZURE-6510TH10M		65mm	1.0X	1"	C	6.5	12.8 × 9.6mm	0.52mm	<0.003%	-
AZURE-6515TH10M		65mm	1.5X	1"	C	7.5	8.53 × 6.4mm	0.11mm	<0.1%	-
AZURE-11004TH5M		110mm	0.4X	2/3"	C	6.6	22×16.5mm	3.2mm	<0.01%	Φ 36×143.89mm
AZURE-11010TH10M		110mm	1.0X	1"	C	8	12.8 × 9.6mm	0.63mm	<0.01%	35 × 128.7mm
Double Telecentric Lenses										
Item No	parameter	Working Distance	Magnification	Format	Mount	Effective F/ No.	F.O.V(DxVxH)	Depth of Filed	Distortion	
AZURE-DT70064M10M		74mm	0.64X	1"	C	9.67	20.3×15.04mm	1.3mm	<0.04%	
AZURE-DT150022M5M		150mm	0.22X	2/3"	C	8	40×30mm	17.5mm	<0.02%	
AZURE-DT1780145M5M		178mm	0.145X	1/2"	C	6	44.14×33.1mm	33.5mm	<0.05%	
AZURE-DT17803M5M		178mm	0.3X	2/3"	C	8	29.33×22mm	9.5mm	<0.03%	
AZURE-DT200022M5M		200mm	0.22X	1/2"	C	6	29.09×21.82mm	12.4mm	<0.04%	
AZURE-DT200016M5M		200mm	0.16X	1/2"	C	6	40×30mm	22mm	<0.043%	
AZURE-DT25001M5M		250mm	0.1X	2/3"	C	8	88×66mm	85mm	<0.03%	
XTHM series										
Item No		AZURE-0513XTH								
Format		2/3"								
Mount		C								
Magnification		0.5X		0.75X		1X		1.3X		
Working Distance		176mm		134mm		112.5mm		98.4mm		
F.O.V(DxVxH) (DxV×H)	2/3"Format	22°x13.2°x17.6°								
	1/2"Format	16°x9.6°x12.8°								
	1/3"Format	12°x7.2°x9.6°								
Effective F/ No.		5.3		7.4		9.6		13.8		
Depth of Filed		0.65~1.7mm								
Distortion		<0.12%		<0.05%		<0.03%		<0.02%		
Weight		349.5g								

Board Lenses Series



1/3" Format Lenses Series

Item No	AZURE-02120BM	AZURE-02520BM	AZURE-02920BM	AZURE-IR03620BM	AZURE-IR0620BM
Resolution	1MP	1MP	1MP	1MP	1MP
Format	1/3"	1/3"	1/3"	1/3"	1/3"
Mount	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5
Focal Length	2.11mm	2.42mm	2.88mm	3.6mm	6.0mm
F / No	2.0	2.4	2.5	2.0	2.0
Back Focus	4.95mm	5.01mm	5.02mm	6mm	8.27mm
Angle of View (DXVXH)	156°x94°x125°	144° (D)	140° (D)	102°x58°x80°	57.6°x34.5°x46.2°
Distortion	< -65%	< -60%	< -62%	< -35%	< -10.4%
Working Diantance	0.2m~∞	0.2m~∞	0.2m~∞	0.2m~∞	0.5m~∞
Dimension	φ 16.97 × 20.36mm	φ 14 × 18.15mm	φ 13.98 × 15.26mm	φ 14 × 22.44mm	φ 14 × 23.09mm
Weight	5.71g	5.71g	4.71g	5.8g	5.5g

Item No	AZURE-IR03321B2M	AZURE-IR03616B2M	AZURE-IR1618B2M	AZURE-1220BM	AZURE-1620BM
Resolution	2MP	2MP	2MP	1MP	1MP
Format	1/3"	1/3"	1/3"	1/3"	1/3"
Mount	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5
Focal Length	3.3mm	3.6mm	16mm	12mm	16.26mm
F / No	2.1	1.6	1.8	2.0	2.0
Back Focus	6.22mm	5.2mm	6.57mm	8.97mm	9.98mm
Angle of View (DXVXH)	120°x65°x90°	102°x58°x80°	20.2°x12.5°x16.5°	29°x18°x24°	22°(D)
Distortion	< -42%	<51%	<0.5%	< -0.8%	< -1.5%
Working Diantance	0.165m~∞	0.18m~∞	0.3m~∞	0.4m~∞	0.4m~∞
Dimension	φ 14 × 20.32mm	φ 14 × 17.7mm	φ 14 × 13.5mm	φ 14 × 14.26mm	φ 14 × 15.95mm
Weight	3.8g	6.5g	4.5g	6g	6g

Board Lenses



Item No	AZURE-IR02120B3M	AZURE-02521B3M	AZURE-IR02820B3M	AZURE-IR03626B3M	AZURE-IR1216B3M
Resolution	3MP	3MP	3MP	3MP	3MP
Format	1/3"	1/3"	1/3"	1/3"	1/3"
Mount	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5
Focal Length	2.1mm	2.45mm	2.8mm	3.6mm	12mm
F / No	2.0	2.0	2.0	2.6	1.6
Back Focus	5mm	4.36mm	5.93mm	5.2mm	7.7m
Angle of View (DXVXH)	156°×90°×125°	153°×80.6°×112.6°	139°×73°×101°	102°×58°×80°	42.6°(D)
Distortion	< -60%	< -73%	< -67%	< 16.5%	< -8%
Working Distance	0.1m~∞	0.3m~∞	0.2m~∞	0.36m~∞	0.2m~∞
Dimension	∅ 17 × 24.82mm	∅ 17.4 × 20.65mm	∅ 14 × 16.87mm	∅ 14 × 18.1mm	∅ 14 × 16.0mm
Weight	6.96g	4.5g	4.5g	5.5g	5.7g

Item No	AZURE-IR01020B5M	AZURE-01728B5M	AZURE-IR02325B5M	AZURE-IR02525B5M	AZURE-IR04820B5M
Resolution	5MP	5MP	5MP	5MP	5MP
Format	1/3"	1/3"	1/3"	1/3"	1/3"
Mount	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5
Focal Length	1.08mm	1.7mm	2.3mm	2.5mm	4.8mm
F / No	2.0	2.8	2.5	2.5	2.0
Back Focus	3.76mm	4.5mm	4.15mm	4.2mm	7.0m
Angle of View (DXVXH)	185°×185°×185°	190°×130°×190°	170°×84°×130°	170°×84°×130°	-
Distortion	< -93%	< -86%	-	< 30.5%	< -9%
Working Distance	0.1m~∞	0.25m~∞	0.2m~∞	0.2m~∞	-
Dimension	∅ 30 × 35.9mm	∅ 14 × 18.75mm	∅ 14 × 18.75mm	∅ 14 × 10.3mm	∅ 26.5 × 34.1mm
Weight	21.8g	19g	7g	7g	-

Board Lenses



Item No	AZURE-IR02420BM	AZURE-IR03025B2M	AZURE-03820B3M	AZURE-IR02926B3M	AZURE-IR03620B3M
Resolution	1MP	2MP	3MP	3MP	3MP
Format	1/2.7"	1/2.7"	1/2.7"	1/2.7"	1/2.7"
Mount	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5
Focal Length	2.4mm	3.0mm	3.8mm	2.92mm	3.6mm
F / No	2.0	2.4	2.0	2.6	2.0
Back Focus	4.15mm	5.12mm	6.74mm	5.13mm	6.0mm
Angle of View (DXVXH)	130°(D)	172°×64°×130°	108.8°×49.9°×93.5°	162°×63°×126°	79°(D)
Distortion	<-85%	<-86%	<-38%	<-62.5%	-
Working Diatance	0.15m~∞	0.2m~∞	-	0.2m~∞	0.2m~∞
Dimension	φ 15 × 13mm	φ 14 × 15.56mm	φ 14 × 23.07mm	φ 14 × 15.65mm	φ 14 × 16.8mm

Item No	AZURE-IR02424B5M	AZURE-IR024524B5M	AZURE-IR09620B5M
Resolution	5MP	5MP	5MP
Format	1/2.7"	1/2.7"	1/2.7"
Mount	M12 × 0.5	M12 × 0.5	M12 × 0.5
Focal Length	2.4mm	2.46mm	9.6mm
F / No	2.0	2.4	2.0
Back Focus	4.15mm	4.28mm	2.30mm
Angle of View (DXVXH)	162°×83.6°×111.5°	170°×78°×147.2°	202 (D°)
Distortion	<-77%	<-88%	<-3.25%
Working Diatance	0.1m~∞	0.1m~∞	0.1m~∞
Dimension	φ 17 × 22.98mm	φ 14 × 16.31mm	φ 24 × 22.84mm

Board Lenses



Item No AZURE-IR0818B3M AZURE-IR02524B5M AZURE-IR02916B5M AZURE-IR02920B5M AZURE-IR03618B5M

Resolution	3MP	5MP	5MP	5MP	5MP
Format	1/2.5"	1/2.5"	1/2.5"	1/2.5"	1/2.5"
Mount	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5
Focal Length	8mm	2.5mm	2.9mm	2.9mm	3.6mm
F / No	1.8	2.4	1.6	2.0	1.8
Back Focus	5.6mm	4.98mm	5.1mm	5.08mm	7.0mm
Angle of View (DXVXH)	55°(D)	166°×98.8°×132°	152°×86.5°×117.5°	154°×72.5°×98°	132°×69.8°×96.4°
Distortion	-14%	< -83%	< -63%	< -71%	< -56%
Working Distance	0.2m~∞	0.1m~∞	0.1m~∞	0.1m~∞	-
Dimension	φ 14 × 17.5mm	φ 14 × 22.2mm	φ 17 × 25.3mm	φ 14 × 25.21mm	φ 14 × 17.65mm

Item No AZURE-IR0618B5M AZURE-IR0818B5M AZURE-IR1218B5M AZURE-IR04130B5M AZURE-IR03040B5M

Resolution	5MP	5MP	5MP	5MP	5MP
Format	1/2.5"	1/2.5"	1/2.5"	1/2.5"	1/2.5"
Mount	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5
Focal Length	6.0mm	8.0mm	12mm	4.1mm	3.0mm
F / No	2.25	1.8	1.8	3.0	4.0
Back Focus	9.58mm	7.8mm	8.3mm	5.25mm	3.5mm
Angle of View (DXVXH)	75°(D)	56°(D)	34.6°×21.5°×27.4°	82°(D)	102°(D)
Distortion	< -21.2%	< -7%	< -4%	< 0.16%	< 1%
Working Distance	φ 14 × 19.1mm	φ 14 × 19.09mm	φ 14 × 20.1mm	φ 14 × 19.8mm	φ 14 × 20.9mm

Board Lenses

1/2.3" Format Lenses Series

Item No	AZURE-IR01514B5M	AZURE-01420B5M	AZURE-IR02820B5M
Resolution	5MP	5MP	5MP
Format	1/2.3"	1/2.3"	1/2.3"
Mount	M12 × 0.5	M12 × 0.5	M12 × 0.5
Focal Length	1.5mm	1.4mm	2.8mm
F / No	1.4	2.2	2.0
Back Focus	5.2mm	3.7mm	5.0mm
Angle of View (D×V×H)	174°(D)	183°×183°×183°	167°×65°×120°
Distortion	<-92.2%	<97%	<-86%
Working Distance	0.5m~∞	0.1m~∞	0.2m~∞
Dimension	φ 47.5 × 68.8mm	φ 34 × 32.6mm	φ 17 × 15.5mm
Weight	200g	24g	34g

Item No	AZURE-04125B16M	AZURE-IR01824B16M
Resolution	16MP	16MP
Format	1/2.3"	1/2.3"
Mount	M12 × 0.5	M12 × 0.5
Focal Length	4.1mm	1.8mm
F / No	2.5	2.4
Back Focus	3.5mm	2.4mm
Angle of View (D×V×H)	90°×59°×77°	185°×185°×185°
Dimension	φ 17 × 20.5mm	φ 17 × 17.5mm
Weight	8g	7.5g



1/2" Format Lenses Series

Item No	AZURE-IR2520B3M	AZURE-IR0418B5M
Resolution	3MP	5MP
Format	1/2"	1/2"
Mount	M12 × 0.5	M12 × 0.5
Focal Length	25mm	4.0mm
F / No	2.5	1.8
Back Focus	8.29mm	7.72mm
Angle of View (D×V×H)	16.4°×9.8°×13.1°	131°×64.1°×94°
Distortion (D×V×H)	<-2%	<-54%
Working Distance	0.2m~∞	-
Dimension	φ 14 × 20.14mm	φ 14 × 17.44mm
Weight	8g	5g



Board Lenses

1/1.8" Format Lenses Series



Item No	AZURE-IR08430B5M	AZURE-IR1228B5M	AZURE-IR04645B10M
Resolution	5MP	5MP	10MP
Format	1/1.8"	1/1.8"	1/2.3"
Mount	M12 × 0.5	M8 × 0.5	M12 × 0.5
Focal Length	8.42mm	12mm	4.55mm
F / No	3.0	2.8	4.5
Back Focus	2.79mm	8.56mm	5.25mm
Angle of View (D×V×H)	60°(D)	41°(D)	90.4°(D)
Distortion	< -1.4%	< -1.75%	< -2%
Working Distance	-	0.1m~∞	-
Dimension	∅ 14 × 11.95mm	∅ 14 × 17.79mm	∅ 14 × 22.3mm
Weight	4g	5g	8g

2/3" Format Lenses Series



Item No	AZURE-IR2517B5M
Resolution	5MP
Format	2/3"
Mount	M12 × 0.5
Focal Length	25mm
F / No	1.7
Back Focus	5.2mm
Angle of View (D×V×H)	24.7° × 15.0° × 19.9°
Distortion	< -2.5%
Working Distance	0.2m~∞
Dimension	∅ 17 × 21.1mm
Weight	8g

1/3.6" Format Lenses Series



Item No	AZURE-IC01530B8M
Resolution	8MP
Format	1/3.6"
Mount	M12 × 0.5
Focal Length	1.58mm
F / No	3.0
Back Focus	3.41mm
Angle of View (D×V×H)	192° × 110° × 148°
Distortion	< -103%
Working Distance	-
Dimension	∅ 14 × 20.14mm
Weight	8g

Board Lenses

Pinhole lenses Series



Item No	AZURE-IR03720P3M	AZURE-IR0716P2M	AZURE-IR0816P2M	AZURE-IR1016P2M
Resolution	3MP	2MP	2MP	2MP
Format	1/2.5"	1/2.5"	1/1.8"	1/2.7"
Mount	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5
Focal Length	5.02mm	7.0mm	7.04mm	10.0mm
F / No	2.0	1.6	1.6	1.6
Back Focus	4.3mm	5.2mm	5.2mm	5.6mm
Angle of View (DXVXH)	92.6°x50.8°x70.6°	54.3° (D)	80° (D)	37.5° (D)
Working Distance	0.1m~∞	0.2m~∞	0.2m~∞	0.2m~∞
Dimension	∅ 12 × 10mm	∅ 12 × 10.3mm	∅ 12 × 10.3mm	∅ 12 × 14mm
Weight	2.02g	2.7g	2.7g	2.7g

Item No	AZURE-IR1216P3M	AZURE-IR1516P2M	AZURE-IR1616P3M	AZURE-IR2216P2M
Resolution	3MP	2MP	3MP	2MP
Format	1/3"	1/2"	1/2"	1/2"
Mount	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5
Focal Length	12mm	15mm	16mm	22.1mm
F / No	1.6	1.6	1.6	1.6
Back Focus	7.7mm	5.5mm	8.5mm	5.6mm
Angle of View (D)	16.8°	28.3°	16.8°	20.8°
Working Distance	0.2m~∞	0.2m~∞	0.2m~∞	0.2m~∞
Dimension	∅ 12 × 21.5mm	∅ 12 × 16.82mm	∅ 12 × 25mm	∅ 12 × 23.03mm
Weight	5.7g	2.7g	7.5g	4.9g

Item No	AZURE-IR3016P2M	AZURE-IR3516P2M	AZURE-IR4516P2M	AZURE-IR7016P2M
Resolution	2MP	2MP	2MP	2MP
Format	1"	2/3"	2/3"	1"
Mount	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5
Focal Length	30mm	35mm	45.85mm	70mm
F / No	1.6	1.6	1.6	1.6
Back Focus	5.6mm	5.38mm	5.5mm	5.5mm
Angle of View(D)	9.6°	14.9°	13.64°	3.98°
Working Distance	0.2m~∞	0.2m~∞	0.2m~∞	0.2m~∞
Dimension	∅ 12 × 31.45mm	∅ 12 × 39.6mm	∅ 12 × 47.5mm	∅ 12 × 66.8mm
Weight	4.2g	6.0g	6.5g	16g

The Near/Far Field Lenses

WD 100~350mm Lenses



Item No	AZURE-1217MAC	AZURE-1620MAC	AZURE-2520MAC5M	AZURE-IR2520MACT
Resolution	80lp/mm (1MP)	80lp/mm (1MP)	150lp/mm (5MP)	160lp/mm (1MP)
Format	2/3"	2/3"	2/3"	1/2"
Mount	M12×0.5	M12×0.5	M12×0.5	M16×0.5
Focal Length	12mm	16mm	25mm	25mm
F/No	1.7	2.0	2.0	2.0
Back Focus	7.29mm	6.79mm	9.8mm	13.37mm
Iris Type	Fixed	Fixed	Fixed	Fixed
Angle of view(D×V×H)	45.6°× 28.31°×37.17°	32.6°× 20°×26.4°	18.6°× 11.22°×14.93°	14.59°× 10.97°×18.18°
Distortion	<-0.85%	<-0.3%	<0.17%	<1%
Working Distance	114mm	100mm	110mm	250~350mm
Design Wavelength	660nm	660nm	660nm	600~950nm
Dimension	φ 14× 19.97mm	φ 18× 18.59mm	φ 16× 30.75mm	φ 18× 24.85mm
Weight	3g	3g	2.5g	2.5g

WD 100~500mm Lenses



Item No	AZURE-05516MAC	AZURE-0620MAC	AZURE-0825MAC
Resolution	80lp/mm (1MP)	100lp/mm (2MP)	130lp/mm (3MP)
Format	1/1.8"	1/1.8"	1/1.8"
Mount	M12×0.5	M12×0.5	M12×0.5
Focal Length	5.5mm	6mm	8mm
F/No	1.6	2.0	2.5
Back Focus	6.01mm~5.74mm	9.49mm~9.18mm	7.91mm~7.39mm
Iris Type	Fixed	Fixed	Fixed
Angle of view(D×V×H)	75°× 50.22°×63.85°	78°× 51.4°×66°	58.8°× 37.1°×48.7°
Distortion	<2.1%	<6.5%	<-0.25%
Working Distance	0.1~0.5mm	0.1~0.5mm	0.1~0.5mm
Design Wavelength	400~950nm	400~950nm	400~950nm
Dimension	φ 15× 19.56mm	φ 19× 23.17mm	φ 14× 14.65mm
Weight	5g	5g	5g

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	∅ 17× 22.97mm	∅ 14× 21.5mm	∅ 14× 14.85mm	∅ 14× 20.4mm	∅ 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	∅ 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	∅ 18 × 25.5mm
Weight	9g

The Near/Far Field Lenses

2/3" Format Near Field Lenses



Item No	AZURE-1228MAC	AZURE-1622MAC	AZURE-2525MAC
Resolution	200lp/mm(10MP)	200lp/mm(10MP)	200lp/mm(10MP)
Format	2/3"	2/3"	2/3"
Mount	M12 × 0.5	M12 × 0.5	M12 × 0.5
Focal Length	12mm	16mm	25mm
F/No	2.8	2.2	2.5
Back Focus	4.78	7.09	8.37
Iris Type	Fixed	Fixed	Fixed
Angle of View(D×V×H)	43.4°×26.9°×35.3°	32.6°×20°×26.3°	22.3°×13.52°×17.94°
Distortion	<0.17%	<2.5%	<0.5%
Working Distance	0.1~0.5m	0.1~0.5m	0.1~0.5m
Design Wavelength	400~950nm	400~950nm	400~950nm
Dimension	φ 14 × 14.69mm	φ 14 × 14.65mm	φ 17 × 21.8mm
Weight	5g	4g	5g

2/3" Format Far Field Lenses



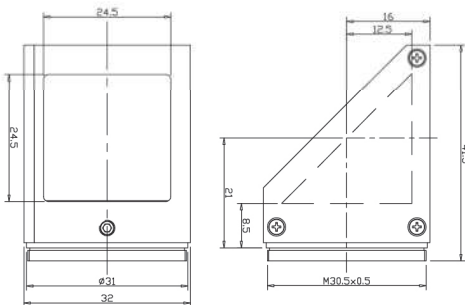
Item No	AZURE-F1225FM-I	AZURE-F1620FM-I	AZURE-F2520FM-I	AZURE-F3528MAC	AZURE-F5040MAC
Resolution	200lp/mm(10MP)	200lp/mm(10MP)	200lp/mm(10MP)	200lp/mm(10MP)	200lp/mm(10MP)
Format	2/3"	2/3"	2/3"	2/3"	2/3"
Mount	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5	M12 × 0.5
Focal Length	12mm	16mm	25mm	35mm	50mm
F/No	2.5	2.0	2.0	2.8	4.0
Back Focus	5.85	6.46	8.47	20.56	29.7
Iris Type	Fixed	Fixed	Fixed	Fixed	Fixed
Angle of View(D×V×H)	50.2°×31°×40.7°	38.8°×23.51°×31°	24.81°×15.04°×40°	17.94°×10.8°×14.36°	12.58°×7.56°×10.08°
Distortion	<-1.2%	<-2%	<-0.17%	<-0.35%	<-0.25%
Working Distance	0.3m ~ ∞	0.5m ~ ∞	0.7m ~ ∞	0.3m ~ ∞	0.5m ~ ∞
Design Wavelength	400~950nm	400~950nm	400~950nm	400~950nm	400~950nm
Dimension	φ 14 × 24.65mm	φ 14 × 25.5mm	φ 20 × 23.1mm	φ 22 × 28.67mm	φ 22 × 60.9mm
Weight	7.41g	8g	10g	15g	21g

Lenses Accessories

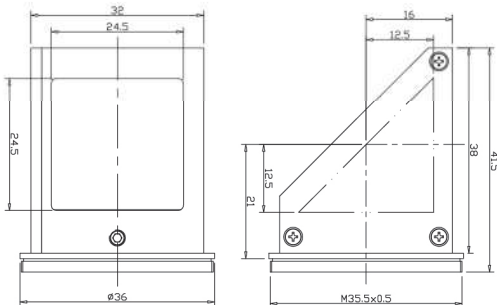
Turning angle prism



AZURE-PC305-1



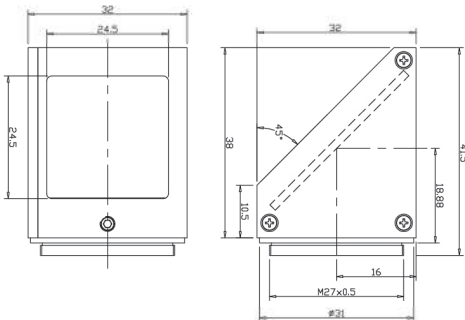
AZURE-PC355-1



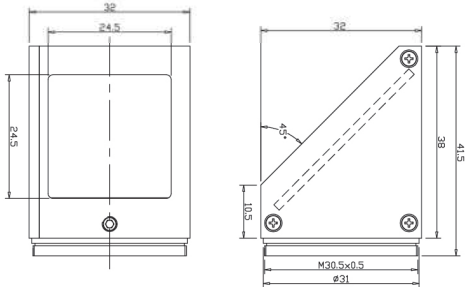
Reflective turning mirror



AZURE-MC27-1



AZURE-MC305-1

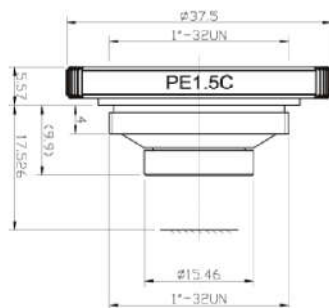


Lenses Accessories

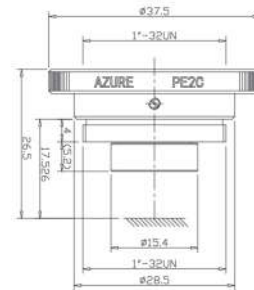
Extenders



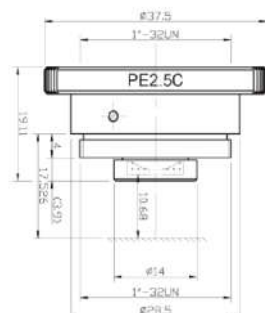
AZURE-PE1.5C



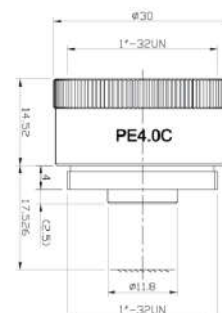
AZURE-PE2C



AZURE-PE2.5C



AZURE-PE4.0C



Endoscope Adapters

Adapter for all kinds of rigid endoscopes



Item No	AZURE-1412ED	AZURE-1812ED	AZURE-2012ED	AZURE-2212ED
Resolution	1280 × 1024	1280 × 1024	1280 × 1024	1280 × 1024
Format	1/2"	1/2"	1/2"	1/2"
Mount	C/CS	C/CS	C/CS	C/CS
Focal Length	14mm	18mm	20mm	22mm
F/No	1.2	1.2	1.2	1.2
Dimension	φ 54 × L44	φ 54 × L44	φ 48 × L44	φ 54 × L44
Weight	76g	92g	92g	92g



Item No	AZURE-2512ED	AZURE-2812ED	AZURE-3512ED
Resolution	1280 × 1024	1280 × 1024	1280 × 1024
Format	1/2"	1/2"	1/2"
Mount	C/CS	C/CS	C/CS
Focal Length	25mm	28mm	35mm
F/No	1.2	1.2	1.2
Dimension	φ 48 × L44	φ 54 × L44	φ 54 × L44
Weight	92g	92g	92g

Adapter for all kindsof semi-right/soft endoscopes



Item No	AZURE-1412EF	AZURE-1812EF	AZURE-2212EF	AZURE-2812EF
Resolution	1280 × 1024	1280 × 1024	1280 × 1024	1280 × 1024
Format	1/2"	1/2"	1/2"	1/2"
Mount	C/CS	C/CS	C/CS	C/CS
Focal Length	14mm	18mm	22mm	28mm
F/No	1.2	1.2	1.2	1.2
Dimension	φ 42 × L54	φ 41.5 × L54	φ 42 × L57	φ 54 × L44
Weight	76g	92g	92g	92g

As an important accessory for machine vision, filters can largely enhance the work efficiency of vision systems. AZURE offers the full spectral range of filters in different types, such as long pass filters, band pass filters etc. All filters are mounted in standard sizes, matching AZURE mega-pixel lenses and other brands of lenses. We also can do custom coating designs upon request.



Filter Type

Thread Dia. x Pitch (mm)	C-Mount	M22.5 x 0.5	M25.5 x 0.5	M27 x 0.5	M30.5 x 0.5	M34 x 0.5	M35.5 x 0.5	M37 x 0.75	M37.5 x 0.5	M40.5 x 0.5	M43 x 0.75	M46 x 0.75	M49 x 0.75	M52 x 0.75	M55 x 0.75	M58 x 0.75	M62 x 0.75
External ϕ	25.4	24	27.5	29	32.5	36	37	39	39.5	42	45	48	51	54	57	60	65
Aperture ϕ	19.5	18.5	21	23	26.5	30	31.5	33	19.5	36	39.5	41.5	44.5	47.5	50.5	53.5	57.5

Thread Dia. x Pitch (mm)	M67.0 x 0.75	M68.0 x 0.75	M72.0 x 0.75	M77.0 x 0.75	M82.0 x 0.75	M86.0 x 0.75	M95.0 x 1.0	M105 x 1.0
External ϕ	70	70	75	80	85	90	99	109
Aperture ϕ	63.2	63.2	67.7	73	78.8	80	90	100

Product specification

Bandpass Filters Series

Color Band pass Filters	
Item No	Specifications
AZURE-BP465	Blue Bandpass UV Block 465nm
AZURE-BP470	Blue Bandpass UV Block 470nm
AZURE-BP500	Green Blue Bandpass 500nm
AZURE-BP525	Light Green Bandpass 525nm
AZURE-BP530	Green Bandpass 530nm
AZURE-BP535	Green Dichroic Bandp
AZURE-BP590	Orange Bandpass 590nm
AZURE-BP635	Light Red Bandpass 635nm
AZURE-BP660	Dark Red Bandpass 660nm

Infrared Pass/Visible Block Bandpass Filters	
Item No	Specifications
AZURE-BP650	IR Bandpass 650nm
AZURE-BP695	IR Bandpass 695nm
AZURE-BP735	IR Bandpass 735nm
AZURE-BP800	IR Bandpass 800nm
AZURE-BP850	IR Bandpass 850nm
AZURE-BP880	IR Bandpass 880nm

Longpass Filters Series

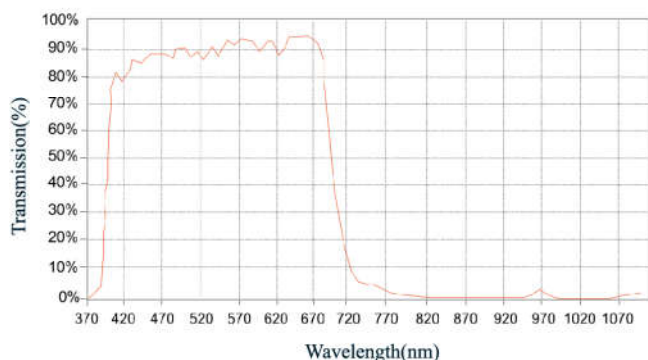
Color Longpass Filters	
Item No	Specifications
AZURE-LP470	Light Yellow Longpass 470nm
AZURE-LP500	Yellow Longpass 500nm
AZURE-LP515	Yellow Orange Longpass 515nm
AZURE-LP530	Orange Longpass 530nm
AZURE-LP550	Orange Longpass 550nm
AZURE-LP580	Red Orange Longpass 580nm
AZURE-LP590	Red Longpass 590nm
AZURE-LP610	Red Longpass 610nm
AZURE-LP630	Red Longpass 630nm
AZURE-LP640	Dark Red Longpass 640nm

Infrared Pass/Visible Block Longpass Filters	
Item No	Specifications
AZURE-LP695	IR Longpass 695nm
AZURE-LP715	IR Longpass 715nm
AZURE-LP780	IR Longpass 780nm
AZURE-LP830	IR Longpass 830nm
AZURE-LP850	IR Longpass 850nm
AZURE-LP920	IR Dichroic Longpass 920nm
AZURE-LP1000	IR Longpass 1000nm

Filter Series

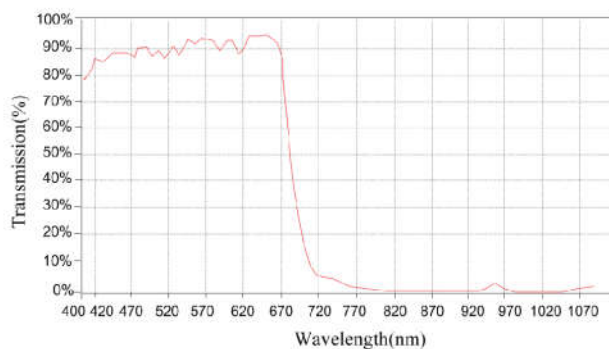
IR Cut Filter

UV & Cut Filter Curves



■ AZURE-IC(红外截止)

Short IR Cut Filter Curves

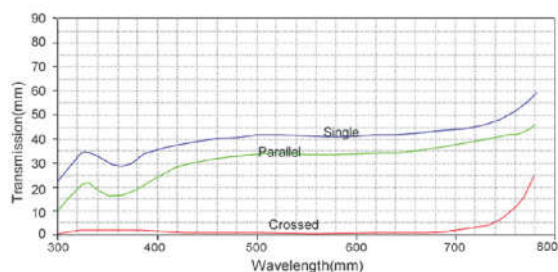


■ AZURE-IC(红外截止) ■

Polarizing Filters Series

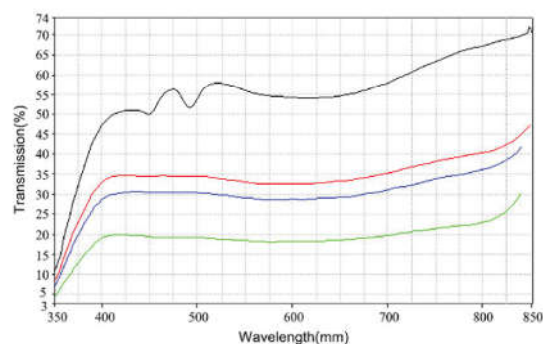
AZURE-PLL - Linear Polarizer

AZURE-PLC - Circular Polarizer



Neutral Density Filters Series

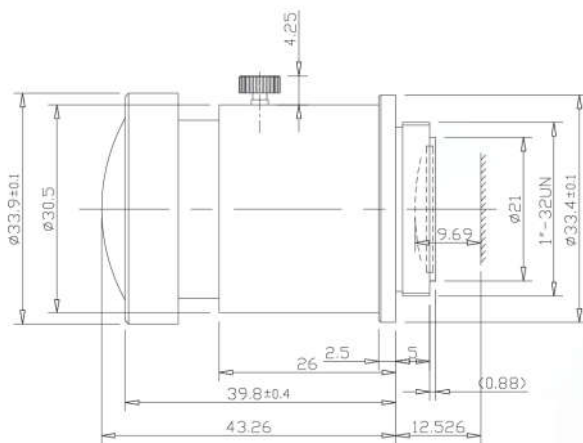
- | | |
|-----------------------------------|-----------------------------------|
| AZURE-FND01 - Optical Density=0.1 | AZURE-FND06 - Optical Density=0.6 |
| AZURE-FND02 - Optical Density=0.2 | AZURE-FND07 - Optical Density=0.7 |
| AZURE-FND03 - Optical Density=0.3 | AZURE-FND08 - Optical Density=0.8 |
| AZURE-FND04 - Optical Density=0.4 | AZURE-FND09 - Optical Density=0.9 |
| AZURE-FND05 - Optical Density=0.5 | AZURE-FND10 - Optical Density=1.0 |



4K Wide Angle Lens

Features:

- Designed for Security/Surveillance, Video Conference, Immersive Imaging
- Supports up to 1" sensors
- High Sharpness
- High Relative Illumination
- Wide-Angle Field of View
- Multilayer BBAR coating at 400nm-950nm
- Set-Screw for Adjustable Focus

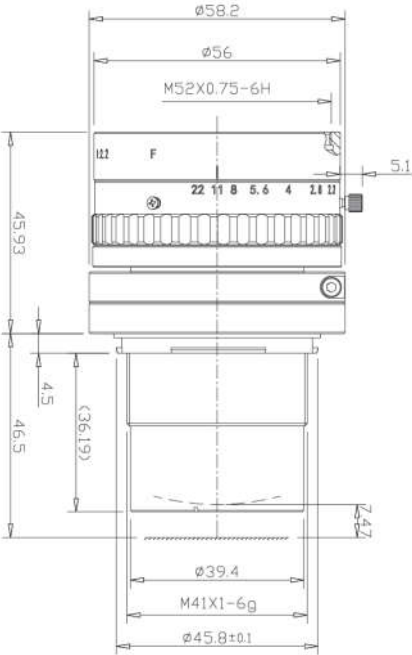


Item		AZURE-0725FL12M			
Format		1"			
Resolution		150lp/mm			
Focal Length		6.99mm			
Back Focus		9.69mm			
F/ No.		2.55			
Iris Type		Manual			
Distortion		< -61%			
Design Wavelength		400-700nm			
Mount		C/CS			
Suitable Distance		0.5 ~ ∞m			
Dimention		φ33.9×43.26mm			
Weight		g			
F.O.V(DxVxH)	°	1	2/3	1/2	
	D	143	93	67	
	H	109.2	74	53	
	V	80	55	39.6	

50MP High Resolution F-mount Lens

Features:

- Large aperture F/2.2
- Excellent imaging quality
- Image circle 32.6mm (APS-H)
- Robust and mechanical barrel
- Compact design



Item		AZURE-5022MF			
Resolution		170lp/mm			
Mount		F-Mount			
Focal Length		50mm			
F/ No.		2.2			
Iris Type		Manual			
Distortion		< -0.15%			
F.O.V (DXVXH)	° ”	32.6mm	4/3	1	
	D	29.3	25.36	18.18	
	H	23.7	20.41	14.59	
	V	17.8	15.38	10.97	
Design Wavelength		400~700			
Filter Thread		M52×0.75			
Dimention		φ58.2×45.93mm			

Double Telecentric

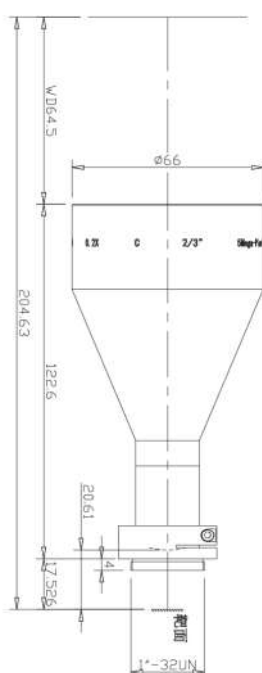
Features:

- Suitable for the sensor size of 2/3", 1/1.8", 1/2", 1/3"
- Easy focus thanks to the block head design with integrated mounting holes for flange
- Large FOV, double telecentric



Item	AZURE-DT25001M5M			
Resolution	170lp/mm			
Mount	C-Mount			
Format	2/3"			
Working Distance	250mm			
Magnification	0.1X			
F/ No	7.24			
F.O.V (DXVXH)	°	2/3"	1/2"	1/3"
	D	110	80	60
	H	88	64	48
	V	66	48	36
Depth of Filed	57.9mm			
Dimention	<0.02%			
Dimention	φ130×315mm			

AZURE-6502TH5M



Format	2/3"			
Working Distance	65mm			
Magnification	0.2X			
Depth of Filed	15mm			
F/ No	7.14mm			
Mount	C			
Distortion	<0.041%			
Design Wavelength	400-700nm			
Dimention	φ66×122.666mm			
Weight	227.6g			
F.O.V(DxVxH)	°	1	2/3	1/2
	D	-	55	-
	H	-	44	-
	V	-	33	-



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