

# Large Format Lenses

## ◆ 1" Format Lenses

Fixed Focal Lens C-mount 1"



Item No.	0614MLM
Resolution	100lp/mm (2MP)
Format	1"
Mount	C
Focal Length	6.5mm
F/No	F1.4 ~ F16
Back Focal Length	9.33mm
Type	Manual
Angle of View	112°
Distortion	-19%
Dimension	φ 46 x 43.97mm
Weight	130g

Fixed Focal Lens C-mount

1" 5MP



Item No.	06520ML5M
Resolution	150lp/mm (5MP)
Format	1"
Mount	C
Focal Length	6.5mm
F/No	2.0
Back Focal Length	8.419mm
Type	Manual
Distortion	<10%
Filter Thread	M52 x 0.75mm
Dimension	φ 55 x 45.467mm
Weight	135g

◆ 5MP 1" Lenses

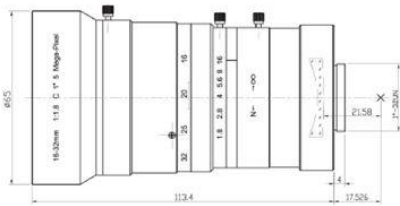


Item No.	1218ML5M	1620ML5M	2020ML5M	2520ML5M
Resolution	150lp/mm (5MP)	150lp/mm (5MP)	150lp/mm (5MP)	150lp/mm (5MP)
Format	1"	1"	1"	1"
Mount	C	C	C	C
Focal Length	12mm	16mm	20mm	25mm
F/No	F1.8 ~ F32	F2.0 ~ F32	F2.0 ~ F32	F2.0 ~ F32
Back Focal Length	12.27mm	13.139mm	15.69mm	11.94mm
Type	Manual	Manual	Manual	Manual
Horizontal Angle	64°	51.7°	48°	34.6°
Distortion	-1.2%	-0.5%	0.7%	-0.16%
Focusing Range	∞ ~ 0.2m	∞ ~ 0.2m	∞ ~ 0.3m	∞ ~ 0.3m
Filter Thread	M77 x 0.75mm	M37 x 0.75mm	M37.5 x 0.5mm	M43 x 0.75mm
Dimension	φ 80 x 95.34mm	φ 46 x 73.21mm	φ 40 x 46.61mm	φ 46 x 65.82mm
Weight	516g	360g	143g	300g

Item No.	3518ML5M	7520ML5M
Resolution	150lp/mm (5MP)	150lp/mm (5MP)
Format	1"	1"
Mount	C	C
Focal Length	35mm	75mm
F/No	F1.8 ~ F32	F2.0 ~ F32
Back Focal Length	11.093mm	13.94mm
Type	Manual	Manual
Distortion	-0.12%	-0.3%

◆ 5MP 1" Manual Zoom Lens

Fixed Focal Lens C-mount 1"



Item No.	1632ZL5M
Resolution	150lp/mm (5MP)
Format	1"
Mount	C
Focal Length	16 ~ 32mm
F/No	F1.8 ~ F16
Type	Manual
Angle of View	53.2° ~ 27.5°
Distortion	± 1%
Focusing Range	∞ ~ 0.3m
Design Wavelength	400nm ~ 950nm
Filter Thread	M62 x 0.75mm
Dimension	Φ 66 x 113.65mm
Weight	619g

◆ 5MP 1" Manual Iris Lenses & 1" DC Iris Lenses

Fixed Focal Lens  
C-mount 1"



DC Iris C-mount 1"



Fixed Focal Lens  
C-mount 1"



DC Iris C-mount 1"



Item No.	DN3520MML	DN3520DML	DN5028MML	DN5028DML
Resolution	150lp/mm (5MP)	150lp/mm (5MP)	150lp/mm (5MP)	150lp/mm (5MP)
Format	1"	1"	1"	1"
Mount	C	C	C	C
Focal Length	35mm	35mm	50mm	50mm
F/No	2.0	2.0	2.8	2.8
Back Focal Length	19.67mm	19.67mm	21.33mm	21.33mm
Type	Manual	DC Iris	Manual	DC Iris
Angle of View	26°	26°	18.3°	18.3°
Distortion	-3%	-3%	0.2%	0.2%
Focusing Range	∞ ~ 1m	∞ ~ 1m	∞ ~ 1m	∞ ~ 1m
Design Wavelength	400nm ~ 1000nm	400nm ~ 1000nm	400nm ~ 1000nm	400nm ~ 1000nm
Filter Thread	M30.5 x 0.5	M30.5 x 0.5	M30.5 x 0.5	M30.5 x 0.5
Dimension	φ 38 x 59.17mm	φ 38 x 59.17mm	φ 39 x 50.89mm	φ 39 x 52.93mm
Weight	176g	189g	147g	150g

◆ 5MP 4/3" Lenses

Manual Fixed Focal Lenses C-mount 4/3"



16mm



25mm



35mm

Item No.	1220MX5M	1620MX5M	2520MX5M
Resolution	150lp/mm (5MP)	150lp/mm (5MP)	150lp/mm (5MP)
Format	4/3"	4/3"	4/3"
Mount	C	C	C
Focal Length	12mm	16mm	25mm
F/No	F2.0 ~ F32	F2.0 ~ F32	F2.0 ~ F32
Back Focal Length	21.88mm	21.6mm	22.55mm
Type	Manual	Manual	Manual
Angle of View	83°	67.5°	47°
Distortion	-3.7%	-0.6%	0.2%
Focusing Range	∞ ~ 0.3m	∞ ~ 0.1m	∞ ~ 0.15m
Design Wavelength	400nm ~ 950nm	400nm ~ 950nm	400nm ~ 950nm
Filter Thread	————	M72 x 0.75mm	M35.5 x 0.5mm
Dimension	————	φ 76 x 102.41mm	φ 38 x 103.43mm
Weight	————	690g	383g

Item No.	3520MX5M	5018MX5M	7518MX5M
Resolution	150lp/mm (5MP)	150lp/mm (5MP)	150lp/mm (5MP)
Format	4/3"	4/3"	4/3"
Mount	C	C	C
Focal Length	35mm	50mm	75mm
F/No	F2.0 ~ F32	F1.8 ~ F32	F1.8 ~ F32
Back Focal Length	35.29mm	————	————
Type	Manual	Manual	Manual
Angle of View	35.8°	————	————
Distortion	-1%	-0.2%	-0.12%
Focusing Range	∞ ~ 0.2m	————	————
Design Wavelength	400nm ~ 950nm	————	————
Filter Thread	M37.5 x 0.5mm	————	————
Dimension	φ 42 x 103.37mm	————	————
Weight	510g	————	————

◆ F-mount / T-mount Lenses

Manual Fixed Focal Lenses    F-Mount    T-Mount



Item No.	2428MF	2428MT	2828MF	2828MT
Resolution	30lp/mm (5MP)	30lp/mm (5MP)	30lp/mm (5MP)	30lp/mm (5MP)
Format	43mm	43mm	43mm	43mm
Mount	F	M42 x 1(T)	F	M42 x 1(T)
Focal Length	24mm	24mm	28mm	28mm
F/No	F2.8 ~ F22	F2.8 ~ F22	F2.8 ~ F22	F2.8 ~ F22
Back Focal Length	36mm	36mm	35.7mm	35.7mm
Type	Manual	Manual	Manual	Manual
Angle of View	84°	84°	74°	74°
Distortion	-4%	-4%	-3%	-3%
Focusing Range	∞ ~ 0.15m	∞ ~ 0.15m	∞ ~ 0.15m	∞ ~ 0.15m
Design Wavelength	400nm ~ 950nm	400nm ~ 950nm	400nm ~ 950nm	400nm ~ 950nm
Filter Thread	M52 x 0.75	M52 x 0.75	M52 x 0.75	M52 x 0.75
Dimension	φ 60 x 40.21mm	φ 60 x 40.21mm	φ 60 x 34.17mm	φ 60 x 34.17mm
Weight	227.5g	200g	199.5g	173.5g



Item No.	3525MF	5018MF	5018MT
Resolution	30lp/mm (5MP)	30lp/mm (5MP)	30lp/mm (5MP)
Format	43mm	43mm	43mm
Mount	F	F	M42 x 1(T)
Focal Length	35mm	50mm	50mm
F/No	F2.5 ~ F22	F1.8 ~ F22	F1.8 ~ F22
Back Focal Length	34.35mm	36.33mm	36.33mm
Type	Manual	Manual	Manual
Angle of View	52.3°	45°	45°
Distortion	-3%	-0.9%	-0.9%
Focusing Range	∞ ~ 0.3m	∞ ~ 0.4m	∞ ~ 0.4m
Design Wavelength	400nm ~ 950nm	400nm ~ 950nm	400nm ~ 950nm
Filter Thread	M52 x 0.75	M52 x 0.75	M52 x 0.75
Dimension	φ 60 x 43.73mm	φ 60 x 39.04mm	φ 60 x 39.04mm
Weight	273g	230g	210g

◆ F-mount / V-mount Lenses

Manual Fixed Focal Lenses 10MP F-mount



Item No.	3520MF	5020MF
Resolution	50lp/mm (10MP)	50lp/mm (10MP)
Format	43mm	43mm
Mount	F	F
Focal Length	35mm	50mm
F/No	F2.0 ~ F22	F2.0 ~ F22
Back Focal Length	36.36mm	34.49mm
Type	Manual	Manual
Angle of View	71°	44.7°
Distortion	-0.25%	0.15%
Focusing Range	∞ ~ 0.3m	∞ ~ 0.25m
Design Wavelength	400nm ~ 950nm	400nm ~ 950nm
Filter Thread	M52 x 0.75	M52 x 0.75
Dimension	φ 65 x 96.47mm	φ 72 x 90.4mm
Weight	611g	732g



◆ V-mount Lenses



Item No.	35/2.6V	50/2.8V	80/4.0V
Format	30mm	43.2mm	78mm
Mount	V	V	V
Focal Length	35mm	50mm	80mm
F/No	2.6	2.8	4.0
Magnification	0.04X, 0.1X, 0.33X	1/12X, 1/6X, 1/3X	1/12X, 1/6X, 1/3X
Max Image Circle	35mm	46.2mm	85mm
Distortion	0.4%, 0.1%, 0.4%	0.4%, 0.01%, 0.4%	0.1%, 0.1%, 0.2%
Working Distance	893mm, 371mm, 128mm	638mm, 336mm, 185mm	1026mm, 543mm, 303mm
Focusing Range	25.53~27.60~35.51mm	39.32~43.44~51.78mm	69.20~75.85~89.04mm

Item No.	82/5.6V	100/5.6V
Format	120mm	100mm
Mount	V	V
Focal Length	82mm	100mm
F/No	5.6	5.6
Magnification	1/2X, 1/1X, 1/0.5X	1/12X, 1/6X, 1/3X
Max Image Circle	128mm	108mm
Distortion	<0.25%, 0.1%, 0.25%	<0.2%, 0.1%, 0.1%
Working Distance	228mm, 145mm, 104mm	1315mm, 700mm, 393mm
Focusing Range	104.1~145.4~228mm	87.18~95.59~112.45mm