

**M118B029520IR**



Image Size (inch)	1/1.8"	Horizontal Angle of View (°)	1/1.8"	138
Focal Length (mm)	2.95		1/2"	125
Aperture Ratio	1:2.0		1/2.5"	112
Back Focal Length(mm)	7.85		1/3"	93
Dimensions (Φ×L)mm	25 x 26	Iris	Fixed	
Mount	M12 x 0.5	Weight (g)	15.2	

**M125B02620IRM12**



Image Size (inch)	1/2.5"	Horizontal Angle of View (°)	1/1.8"	
Focal Length (mm)	2.6		1/2"	
Aperture Ratio	1:2.0		1/2.5"	123.2
Back Focal Length(mm)	5.95		1/3"	100.8
Dimensions (Φ×L)mm	17 x 18.8	Iris	Fixed	
Mount	M12 x 0.5	Weight (g)	6.6	

**M118F029520IR**



Image Size (inch)	1/1.8"	Horizontal Angle of View (°)	1/1.8"	138
Focal Length (mm)	2.95		1/2"	125
Aperture Ratio	1:2.0		1/2.5"	112
Back Focal Length(mm)	7.85		1/3"	93
Dimensions (Φ×L)mm	28 x 21.2	Iris	Fixed	
Mount	CS	Weight (g)	39.8	

**M125F02620IRCS**



Image Size (inch)	1/2.5"	Horizontal Angle of View (°)	1/1.8"	
Focal Length (mm)	2.6		1/2"	
Aperture Ratio	1:2.0		1/2.5"	123.2
Back Focal Length(mm)	5.95		1/3"	100.8
Dimensions (Φ×L)mm	30 x 18.4	Iris	Fixed	
Mount	CS	Weight (g)	27.3	

**M127B02722IRM12**



Image Size (inch)	1/2.7"	Horizontal Angle of View (°)	1/2.7"	124
Focal Length (mm)	2.7		1/2.8"	117.5
Aperture Ratio	1:2.2		1/3"	108.4
Back Focal Length(mm)	5.35		1/3.2"	101.3
Dimensions (Φ×L)mm		Iris		
Mount	M12 x 0.5	Weight (g)		

**M128B02322IRM12**



Image Size (inch)	1/2.8"	Horizontal Angle of View (°)	1/2.8"	132
Focal Length (mm)	2.3		1/3"	120
Aperture Ratio	1:2.2		1/3.2"	113.3
Back Focal Length(mm)	4.24		1/4"	88.5
Dimensions (Φ×L)mm		Iris		
Mount	M12 x 0.5	Weight (g)		

**M13B02118IR**



Image Size (inch)	1/3"	Horizontal Angle of View (°)	1/2.7"	
Focal Length (mm)	2.1		1/3"	130
Aperture Ratio	1:1.8		1/3.2"	122
Back Focal Length(mm)	6.25		1/4"	95.2
Dimensions (Φ×L)mm	16 x 18.7	Iris	Fixed	
Mount	M12 x 0.5	Weight (g)	6.5	

**M127B02820IRR1**



Image Size (inch)	1/2.7"	Horizontal Angle of View (°)	1/2.7"	110
Focal Length (mm)	2.8		1/3"	100
Aperture Ratio	1:2.0		1/3.2"	93
Back Focal Length(mm)	6.36		1/4"	73.8
Dimensions (Φ×L)mm	15.5 x 17	Iris	Fixed	
Mount	M12 x 0.5	Weight (g)	6.6	

**Fixed-Focal Lenses for 1/1.8", 1/2", 1/2.5"**

- Multi-mega pixels up to 5MP
- IR-correction for Day & Night surveillance
- Super-wide HFOV up to 138°
- Glass elements and metal housing
- Mount option: CS / M12x0.5

**Fixed-Focal Lenses for 1/2.7", 1/3", 1/3.2", 1/4"**

- Compact design popular for Dome and Bullet
- IR-correction for Day & Night surveillance
- Super-wide HFOV up to 132°
- IR cut option
- Mount option: CS / M12x0.5

Model No.(M12 Mount)	M118B029520IR	M118B0418IR	M118B1218IRM12	M12B1618IRM12	M12B2524IRM12	M12B3525IRM12	M12B5025IRM12	M125B02620IRM12	M125B03618IRR1
Model No.(CS Mount)	M118F029520IRCS	M118F0418IR	M118F1218IRCS	M12F1618IRCS				M125F02620IRCS	M125F03618IR
Image Size (inch)	1/1.8"	1/1.8"	1/1.8"	1/2"	1/2"	1/2"	1/2"	1/2.5"	1/2.5"
Focal Length (mm)	2.95	4.0	12	16	25	35	50	2.6	3.6
Aperture Ratio	1:2.0	1:1.8	1:1.8	1:1.8	1:2.4	1:2.5	1:2.5	1:2.0	1:1.8
Horizontal Angle of View (°)	138	101	33.6	24.8	15.9	11.7	8.2		
1/2"	125	91.5	30	22.3	14.3	11	7.3		
1/2.5"	112	83	27	20	13	9.4	6.6	123.2	93
1/3"	93	69	22.7	16.5	10.9	7.8	5.5	100.8	75.5
Back Focal Length (mm)	7.85	8.0	6.7	7.2	10.26	14.49	18.63	5.95	7.73
Iris	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed

Model No.(M12 Mount)	M127B02722IRM12	M127B02820IRR1	M127B0618IR	M127B0818IR	M128B02322IRM12	M13B02118IR	M13B02420IR	M13B02820IR	M13B03618IR	M13B04218IR	M13F1218IR	M13F1618IR
Model No.(CS Mount)												
Image Size (inch)	1/2.7"	1/2.7"	1/2.7"	1/2.7"	1/2.8"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"
Focal Length (mm)	2.7	2.8	6	8	2.3	2.1	2.4	2.8	3.6	4.2	12	16
Aperture Ratio	1:2.2	1:2.0	1:1.8	1:1.8	1:2.2	1:1.8	1:2.0	1:2.0	1:1.8	1:1.8	1:1.8	1:1.8
Horizontal Angle of View (°)	124	110	60	44	132							
1/2.7"	117.5	106	54	39.7								
1/2.8"	108.4	100	49	36	120							
1/3"	101.3	93	46	34	113.3	122	103	93	72.5	64.5	21.5	15.6
1/3.2"	78.5	73.8	36	26.5	88.5	95.2	81	73	56	50	17	12.5
1/4"	5.35	6.36	6.76	6.59	4.24	6.25	4.56	5.29	6.59	7.21	6.54	6.59
Back Focal Length (mm)	5.35	6.36	6.76	6.59	4.24	6.25	4.56	5.29	6.59	7.21	6.54	6.59
Iris	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed

Vari-Focal Lenses  
 Fixed-Focal Lenses  
 Non-Distortion Lens  
 Machine Vision Lens  
 ITS Lens  
 Automotive Lens  
 Fish-eye Lens  
 Model name code rule  
 Terminology

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