

2/3" 1.5 MEGA PIXEL FIXED FOCAL LENS (MP2 Series)

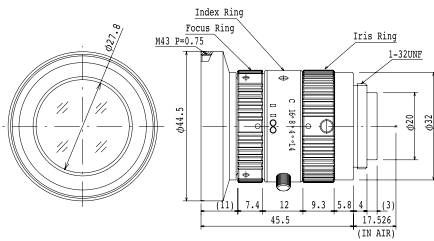
2/3" 1.5MP
MP2

- 5, 8, 12, 16, 25, 35, 50, 75mm 8 lens series
- Compatible with 2/3" format sensor (H0514-MP2 : 1/2")
- Low distortion (Less than 1.0%)

- Locking set screws for focus and iris
- Compact design - diameter 33.5mm (H0514-MP2 : 44.5mm)

H0514-MP2

- 1/2"
- 1.5MP
- FIX
- MANUAL
- WIDE



Focal Length	5mm		
Max. Aperture Ratio	1:1.4		
Max. Image Format	6.4mm x 4.8mm (φ8mm)		
Operation Range	Iris	F1.4 - F16C	
	Focus	0.1m - 0.9m	
Control	Iris	Manual	
	Focus	Manual	
Angle of View	D	76.7°	62.3°
	H	1/2" 65.5°	1/3" 51.4°
	V	51.4°	39.5°
Operating Temperature	-10°C ~ +50°C		

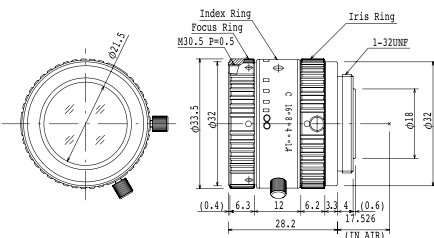
Optical Distortion	1/2" -0.48% (y=4.0)	1/3" -2.26% (y=3.0)
BackFocalLength	10.8mm (WD=900mm)	
FlangeBackLength	17.526mm	
Mount	C-Mount	
Filter Size	M43 P=0.75mm	
Dimensions	φ 44.5mm x 45.5mm	
Weight	102g	

Working Distance (mm)	Optical Magnification	Extension Ring (mm)	Field of View (mm)			
			1/2"		1/3"	
			H	V	H	V
900	0.006	-	1179.8	882.3	882.3	657.2
850	0.006	-	1115.4	834.2	834.2	621.3
800	0.006	-	1051.0	786.0	786.0	585.4
750	0.007	-	986.6	737.8	737.8	549.5
700	0.007	-	922.3	689.6	689.6	513.6
650	0.008	-	857.9	641.4	641.4	477.7
600	0.008	-	793.5	593.2	593.2	441.8
550	0.009	-	729.1	545.0	545.0	405.9
500	0.010	-	664.7	496.9	496.9	370.0
450	0.011	-	600.3	448.7	448.7	334.1
400	0.012	-	535.9	400.5	400.5	298.2
350	0.014	-	471.5	352.3	352.3	262.3
300	0.016	-	407.1	304.1	304.1	226.4
250	0.019	-	342.7	255.9	255.9	190.5
200	0.024	-	278.4	207.8	207.8	154.6
150	0.031	-	214.0	159.6	159.6	118.7
100	0.044	-	149.6	111.4	111.4	82.8

Field of View = CCD Size / Optical Magnification

M0814-MP2

- 2/3"
- 1.5MP
- FIX
- MANUAL



Focal Length	8mm		
Max. Aperture Ratio	1:1.4		
Max. Image Format	8.8mm x 6.6mm (φ11mm)		
Operation Range	Iris	F1.4 - F16C	
	Focus	0.1m - Inf.	
Control	Iris	Manual	
	Focus	Manual	
Angle of View	D	67.1°	51.9°
	H	2/3" 56.3°	1/2" 42.5°
	V	43.7°	32.4°
Operating Temperature	-10°C ~ +50°C		

Optical Distortion	2/3" -0.1% (y=5.5)	1/2" -1.1% (y=4.0)
BackFocalLength	13.1mm (Inf)	
FlangeBackLength	17.526mm	
Mount	C-Mount	
Filter Size	M30.5 P=0.5mm	
Dimensions	φ 33.5mm x 28.2mm	
Weight	63g	

Working Distance (mm)	Optical Magnification	Extension Ring (mm)	Field of View (mm)			
			2/3"		1/2"	
			H	V	H	V
900	0.009	-	976.8	731.5	709.1	530.1
850	0.010	-	923.3	691.4	670.2	501.0
800	0.010	-	869.8	651.3	631.4	471.9
750	0.011	-	816.3	611.2	592.5	442.8
700	0.012	-	762.8	571.1	553.6	413.8
650	0.013	-	709.3	531.0	514.7	384.7
600	0.014	-	655.8	490.9	475.8	355.6
550	0.015	-	602.3	450.8	437.0	326.5
500	0.016	-	548.8	410.7	398.1	297.5
450	0.018	-	495.3	370.6	359.2	268.4
400	0.020	-	441.8	330.5	320.3	239.3
350	0.023	-	388.3	290.4	281.4	210.2
300	0.027	-	334.8	250.3	242.6	181.2
250	0.032	-	281.2	210.2	203.7	152.1
200	0.039	-	227.7	170.0	164.8	123.0
150	0.052	-	174.2	129.9	125.9	93.9
100	0.075	-	120.7	89.8	87.0	64.9

Field of View = CCD Size / Optical Magnification

2/3" 1.5MP
MP2

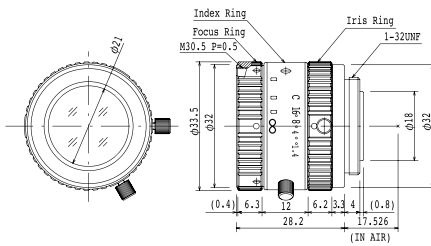
2/3" 1.5 MEGA PIXEL FIXED FOCAL LENS (MP2 Series)

- 5, 8, 12, 16, 25, 35, 50, 75mm 8 lens series
- Compatible with 2/3" format sensor (H0514-MP2 : 1/2")
- Low distortion (Less than 1.0%)

- Locking set screws for focus and iris
- Compact design - diameter 33.5mm (H0514-MP2 : 44.5mm)

M1214-MP2

2/3"
1.5MP
FIX
MANUAL



Focal Length	12mm		
Max. Aperture Ratio	1:1.4		
Max. Image Format	8.8mm x 6.6mm (φ11mm)		
Operation Range	Iris	F1.4 - F16C	
	Focus	0.15m - Inf.	
Control	Iris	Manual	
	Focus	Manual	
Angle of View	D	49.2°	37.0°
	H	2/3" 40.4°	1/2" 30.0°
	V	30.8°	22.7°
Operating Temperature	-10° C ~ +50° C		

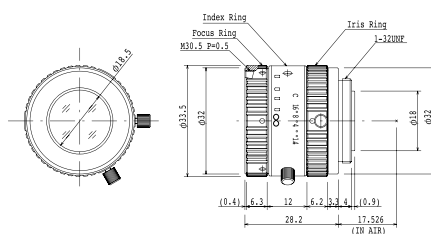
Optical Distortion	2/3" -0.1% (y=5.5)	1/2" -0.35% (y=4.0)
BackFocal Length	13.1mm (Inf)	
Flange Back Length	17.526mm	
Mount	C-Mount	
Filter Size	M30.5 P=0.5mm	
Dimensions	φ 33.5mm x 28.2mm	
Weight	62g	

Working Distance (mm)	Optical Magnification	Extension Ring (mm)	Field of View (mm)			
			2/3"		1/2"	
			H	V	H	V
900	0.013	-	672.7	504.0	488.7	366.0
850	0.014	-	635.9	476.4	461.9	345.9
800	0.015	-	599.1	448.9	435.2	325.9
750	0.016	-	562.4	421.3	408.4	305.9
700	0.017	-	525.6	393.7	381.7	285.8
650	0.018	-	488.8	366.1	355.0	265.8
600	0.020	-	452.1	338.5	328.2	245.7
550	0.021	-	415.3	311.0	301.5	225.7
500	0.023	-	378.5	283.4	274.7	205.7
450	0.026	-	341.7	255.8	248.0	185.6
400	0.029	-	305.0	228.2	221.2	165.6
350	0.033	-	268.2	200.6	194.5	145.6
300	0.038	-	231.4	173.0	167.7	125.5
250	0.046	-	194.7	145.5	141.0	105.5
200	0.056	-	157.9	117.9	114.3	85.4
150	0.074	-	121.1	90.3	87.5	65.4
100	0.106	0.5	84.3	62.7	60.8	45.4

Field of View = CCD Size / Optical Magnification

M1614-MP2

2/3"
1.5MP
FIX
MANUAL



Focal Length	16mm		
Max. Aperture Ratio	1:1.4		
Max. Image Format	8.8mm x 6.6mm (φ11mm)		
Operation Range	Iris	F1.4 - F16C	
	Focus	0.3m - Inf.	
Control	Iris	Manual	
	Focus	Manual	
Angle of View	D	38.0°	28.2°
	H	2/3" 30.8°	1/2" 22.7°
	V	23.4°	17.1°
Operating Temperature	-10° C ~ +50° C		

Optical Distortion	2/3" -0.1% (y=5.5)	1/2" -0.3% (y=4.0)
BackFocal Length	13.1mm (Inf)	
Flange Back Length	17.526mm	
Mount	C-Mount	
Filter Size	M30.5 P=0.5mm	
Dimensions	φ 33.5mm x 28.2mm	
Weight	60g	

Working Distance (mm)	Optical Magnification	Extension Ring (mm)	Field of View (mm)			
			2/3"		1/2"	
			H	V	H	V
900	0.018	-	503.2	376.8	365.4	273.7
850	0.019	-	475.6	356.2	345.3	258.6
800	0.020	-	448.0	335.5	325.3	243.6
750	0.021	-	420.4	314.8	305.2	228.6
700	0.023	-	392.8	294.1	285.2	213.6
650	0.024	-	365.2	273.4	265.1	198.5
600	0.026	-	337.6	252.8	245.1	183.5
550	0.029	-	310.0	232.1	225.0	168.5
500	0.031	-	282.5	211.4	204.9	153.5
450	0.035	-	254.9	190.7	184.9	138.4
400	0.039	-	227.3	170.0	164.8	123.4
350	0.044	-	199.7	149.4	144.8	108.4
300	0.052	-	172.1	128.7	124.7	93.4
250	0.061	-	144.5	108.0	104.7	78.3
200	0.076	-	116.9	87.3	84.6	63.3
150	0.100	0.5	89.3	66.6	64.6	48.3
100	0.145	1.0	61.7	45.9	44.5	33.2

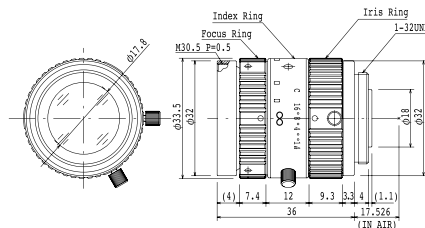
Field of View = CCD Size / Optical Magnification

2/3" 1.5 MEGAPIXEL FIXED FOCAL LENS (MP2 Series)

2/3" 1.5MP
MP2

M2514-MP2

- 2/3"
- 1.5MP
- FIX
- MANUAL



Focal Length	25mm		
Max. Aperture Ratio	1:1.4		
Max. Image Format	8.8mm x 6.6mm (φ11mm)		
Operation Range	Iris	F1.4 - F16C	
	Focus	0.3m - Inf.	
Control	Iris	Manual	
	Focus	Manual	
Angle of View	D	24.9°	18.2°
	H	2/3" 20.0°	1/2" 14.6°
	V	15.1°	11.0°
Operating Temperature	-10°C ~ +50°C		

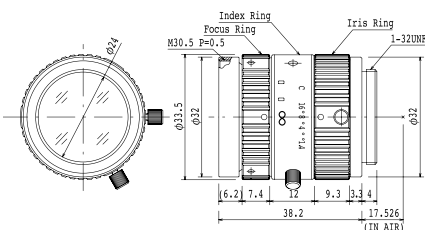
Optical Distortion	2/3" -0.3% (y=5.5)	1/2" -0.1% (y=4.0)
Back Focal Length	13.1mm (Inf)	
Flange Back Length	17.526mm	
Mount	C-Mount	
Filter Size	M30.5 P=0.5mm	
Dimensions	φ 33.5mm x 36.0mm	
Weight	71g	

Working Distance (mm)	Optical Magnification	Extension Ring (mm)	Field of View (mm)			
			2/3"		1/2"	
			H	V	H	V
900	0.028	-	317.5	237.7	230.5	172.7
850	0.029	-	299.9	224.5	217.7	163.1
800	0.031	-	282.3	211.3	204.8	153.5
750	0.033	-	264.6	198.1	192.0	143.9
700	0.036	-	247.0	184.9	179.2	134.3
650	0.039	-	229.4	171.6	166.4	124.7
600	0.042	-	211.8	158.4	153.6	115.1
550	0.046	-	194.1	145.2	140.8	105.5
500	0.050	-	176.5	132.0	128.0	95.9
450	0.056	-	158.9	118.8	115.2	86.3
400	0.063	-	141.2	105.6	102.4	76.7
350	0.072	-	123.6	92.4	89.6	67.1
300	0.084	-	106.0	79.2	76.8	57.5
250	0.100	-	88.3	66.0	63.9	47.9
200	0.126	-	70.7	52.7	51.1	38.3
150	0.168	-	53.0	39.5	38.3	28.7
100	0.253	1.5	35.3	26.3	25.5	19.0

Field of View = CCD Size / Optical Magnification

M3514-MP

- 2/3"
- 1.5MP
- FIX
- MANUAL



Focal Length	35mm		
Max. Aperture Ratio	1:1.4		
Max. Image Format	8.8mm x 6.6mm (φ11mm)		
Operation Range	Iris	F1.4 - F16C	
	Focus	0.3m - Inf.	
Control	Iris	Manual	
	Focus	Manual	
Angle of View	D	17.3°	12.6°
	H	2/3" 13.9°	1/2" 10.1°
	V	10.4°	7.6°
Operating Temperature	-10°C ~ +50°C		

Optical Distortion	2/3" -0.8% (y=5.5)	1/2" -0.4% (y=4.0)
Back Focal Length	17.1mm (WD=400mm)	
Flange Back Length	17.526mm	
Mount	C-Mount	
Filter Size	M30.5 P=0.5mm	
Dimensions	φ 33.5mm x 38.2mm	
Weight	87g	

Working Distance (mm)	Optical Magnification	Extension Ring (mm)	Field of View (mm)			
			2/3"		1/2"	
			H	V	H	V
900	0.037	-	236.2	176.9	171.5	128.6
850	0.040	-	223.2	167.2	162.1	121.5
800	0.042	-	210.3	157.5	152.7	114.5
750	0.045	-	197.3	147.8	143.3	107.4
700	0.048	-	184.3	138.1	133.9	100.3
650	0.052	-	171.4	128.4	124.5	93.3
600	0.056	-	158.4	118.6	115.0	86.2
550	0.061	-	145.5	108.9	105.6	79.1
500	0.067	-	132.5	99.2	96.2	72.1
450	0.074	-	119.6	89.5	86.8	65.0
400	0.083	-	106.6	79.8	77.4	58.0
350	0.094	-	93.7	70.1	67.9	50.9
300	0.110	-	80.7	60.4	58.5	43.8
250	0.131	1	67.7	50.6	49.1	36.8
200	0.162	2	54.7	40.9	39.7	29.7
150	0.213	5	41.8	31.2	30.2	22.6
100	0.310	7	28.7	21.4	20.8	15.5

Field of View = CCD Size / Optical Magnification

2/3" 1.5MP
MP2

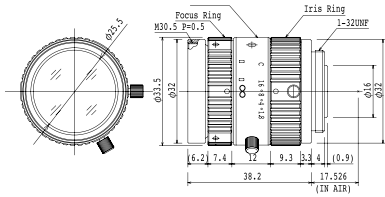
2/3" 1.5 MEGA PIXEL FIXED FOCAL LENS (MP2 Series)

- 5, 8, 12, 16, 25, 35, 50, 75mm 8 lens series
- Compatible with 2/3" format sensor (H0514-MP2 : 1/2")
- Low distortion (Less than 1.0%)

- Locking set screws for focus and iris
- Compact design - diameter 33.5mm (H0514-MP2 : 44.5mm)

M5018-MP2

2/3"
1.5MP
FIX
MANUAL



Focal Length	50mm			
Max. Aperture Ratio	1:1.8			
Max. Image Format	8.8mm x 6.6mm (φ11mm)			
Operation Range	Iris	F1.8 - F16C		
	Focus	0.5m - Inf.		
Control	Iris	Manual		
	Focus	Manual		
Angle of View	D	13.1°		9.5°
	H	2/3" 10.5°	1/2" 7.6°	
	V		7.9°	5.7°
Operating Temperature	-10° C ~ +50° C			

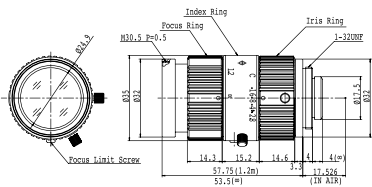
Optical Distortion	2/3" -0.3% (y=5.5)	1/2" -0.2% (y=4.0)		
Back Focal Length	13.1mm (Inf)			
Flange Back Length	17.526mm			
Mount	C-Mount			
Filter Size	M30.5 P=0.5mm			
Dimensions	φ 33.5mm x 38.2mm			
Weight	85g			

Working Distance (mm)	Optical Magnification	Extension Ring (mm)	Field of View (mm)			
			2/3"		1/2"	
			H	V	H	V
900	0.055	-	160.8	120.4	116.7	87.5
850	0.058	-	151.6	113.5	110.1	82.5
800	0.062	-	142.4	106.6	103.4	77.5
750	0.066	-	133.2	99.7	96.7	72.5
700	0.071	-	124.0	92.9	90.0	67.5
650	0.077	-	114.8	86.0	83.4	62.5
600	0.084	-	105.6	79.1	76.7	57.5
550	0.092	-	96.5	72.2	70.1	52.5
500	0.101	-	87.3	65.3	63.3	47.5
450	0.113	0.5	78.1	58.4	56.7	42.5
400	0.128	1.5	68.9	51.6	50.0	37.5
350	0.148	2.5	59.7	44.7	43.3	32.5
300	0.175	3.5	50.5	37.8	36.6	27.4
250	0.214	5.5	41.3	30.9	30.0	22.4
200	0.276	8.5	32.1	24.0	23.3	17.4
150	0.387	14.0	22.9	17.1	16.6	12.4
100	0.647	26.5	13.6	10.2	9.9	7.4

Field of View = CCD Size / Optical Magnification

M7528-MP

2/3"
1.5MP
FIX
MANUAL
TELE



Focal Length	75mm			
Max. Aperture Ratio	1:2.8			
Max. Image Format	8.8mm x 6.6mm (φ11mm)			
Operation Range	Iris	F2.8 - F16C		
	Focus	0.3m - Inf. (※)		
Control	Iris	Manual		
	Focus	Manual		
Angle of View	D	8.5°		6.2°
	H	2/3" 6.8°	1/2" 5°	
	V		5.1°	3.7°
Operating Temperature	-10° C ~ +50° C			

Optical Distortion	2/3" -0.4% (y=5.5)	1/2" -0.2% (y=4.0)		
Back Focal Length	21.5mm (WD=400mm)			
Flange Back Length	17.526mm			
Mount	C-Mount			
Filter Size	M30.5 P=0.5mm			
Dimensions	φ 35mm x 57.75mm			
Weight	113g			

※ Factory setting is 0.3-12m. Focus can be adjusted to infinity by removing Focus Limit Screw.

Working Distance (mm)	Optical Magnification	Extension Ring (mm)	Field of View (mm)			
			2/3"		1/2"	
			H	V	H	V
900	0.077	-	113.8	85.4	82.8	62.1
850	0.082	-	107.8	80.8	78.4	58.8
800	0.086	-	101.7	76.3	74.0	55.5
750	0.092	-	95.7	71.8	69.6	52.2
700	0.098	-	89.6	67.2	65.2	48.9
650	0.105	-	83.6	62.7	60.8	45.6
600	0.114	-	77.6	58.1	56.4	42.3
550	0.123	-	71.5	53.6	52.0	39.0
500	0.135	-	65.5	49.1	47.6	35.7
450	0.148	-	59.4	44.5	43.2	32.4
400	0.165	-	53.4	40.0	38.8	29.1
350	0.187	-	47.3	35.4	34.4	25.8
300	0.214	-	41.3	30.9	30.0	22.5
250	0.251	5	35.2	26.4	25.6	19.1
200	0.304	7	29.2	21.8	21.2	15.8
150	0.384	13	23.1	17.3	16.8	12.5
100	0.522	23	17.1	12.7	12.3	9.2

Field of View = CCD Size / Optical Magnification