

"*pro*"fessional solution

for 24-hour surveillance



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ISO9001:2008 認証取得



www.adlinc.co.jp

See the full HD world through the new ADL 3 Mega Pixel IR CS-mount Lens

- 3 Mega Pixel Resolution
- Aspherical + IR
- Compact Size



MTV3X2812D

- 1/3" Format
- 2.8-9mm F1.2 **IR**
- DC Auto IRIS (P-IRIS available)
- Day & Night application

MSV3X3113D

- 1/2.7" Format
- 3.1-9mm F1.3 **IR**
- DC Auto IRIS (P-IRIS available)
- Day & Night application

MSV6X0815D

- 1/2.7" Format
- 8-50mm F1.5 **IR**
- DC Auto IRIS (P-IRIS available)
- Day & Night application

3 Mega Pixel CS-mount Varifocal Lens

Format	Model Number	Focal Length	F-Stop	Iris Drive	Mount	Horizontal Angle of View		M.O.D. (m)	Dimensions (mm)	Weight (g)	MEGA	Glass ASP	IR
						(4:3)	(16:9)						
1/3"	MTV3X2812D	2.8 - 9mm	F1.2 - F360	DC Auto	CS	97.7° - 31.7°	107.5° - 34.5°	0.25	Φ36.5 x 48.7	55	3	○	○
1/3"	MTV3X2812S	2.8 - 9mm	F1.2 - Close	P-iris	CS	97.7° - 31.7°	107.5° - 34.5°	0.25	Φ36.5 x 48.7	55	3	○	○
1/2.7"	MSV3X3113D	3.1 - 9mm	F1.3 - F360	DC Auto	CS	99.4° - 34.8°	111.4° - 38.6°	0.25	Φ36.5 x 48.7	55	3	○	○
1/2.7"	MSV3X3113S	3.1 - 9mm	F1.3 - Close	P-iris	CS	99.4° - 34.8°	111.4° - 38.6°	0.25	Φ36.5 x 48.7	55	3	○	○
1/2.7"	MSV6X0815D	8 - 50mm	F1.5 - F360	DC Auto	CS	37.1° - 6.1°	41.1° - 6.8°	0.5	Φ42 x 68	70	3	○	○
1/2.7"	MSV6X0815S	8 - 50mm	F1.5 - Close	P-iris	CS	37.1° - 6.1°	41.1° - 6.8°	0.5	Φ42 x 68	70	3	○	○
1/2"	MHV3X4518M	4.5 - 13mm	F1.8 - Close	Manual	CS	90.3° - 31.2°	98.8° - 34.1°	0.5	Φ39 x 55.9	100	3		○
1/1.8"	MHV5X1020M	10 - 50mm	F2.0 - Close	Manual	C	40.5° - 8.4°	44.4° - 9.3°	0.3	Φ50 x 87.5	230	3		○
1/1.8"	MHV5X1020D	10 - 50mm	F2.0 - F360	DC Auto	C	40.5° - 8.4°	44.4° - 9.3°	0.3	50 x 57 x 87.5	240	3		○

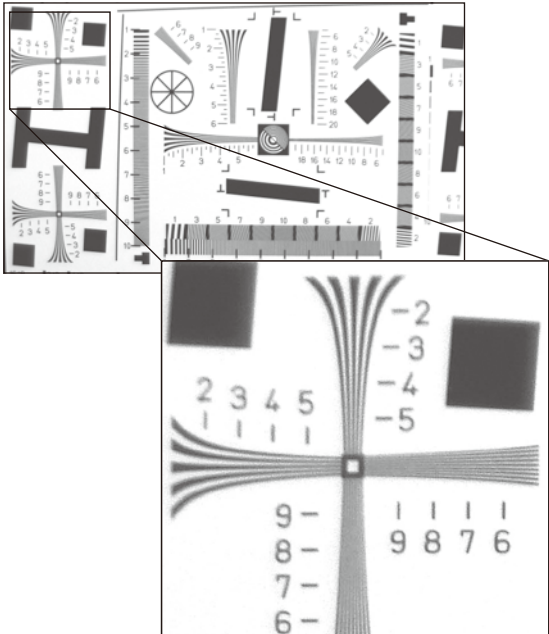
1.3 Mega Pixel CS-mount Varifocal Lens

Format	Model Number	Focal Length	F-Stop	Iris Drive	Mount	Horizontal Angle of View		M.O.D. (m)	Dimensions (mm)	Weight (g)	MEGA	Glass ASP	IR
						(4:3)	(16:9)						
1/3"	MTV3X0314M	3 - 10mm	F1.4 - Close	Manual	CS	88.5° - 27.9°	96.5° - 30.4°	0.3	Φ37.5 x 57.8	82	1.3	○	
1/3"	MTV3X0314D	3 - 10mm	F1.4 - F360	DC Auto	CS	88.5° - 27.9°	96.5° - 30.4°	0.3	37.5 x 45.3 x 57.8	73	1.3	○	
1/3"	MTV2X0916D	9 - 22mm	F1.6 - F360	DC Auto	CS	30.3° - 12.9°	33.2° - 14.1°	0.3	33.6 x 44 x 45	55	1.3		
1/2"	MHV12X1016	10 - 120mm	F1.6 - F360	DC Auto	C	34.7° - 3.1°	37.6° - 3.41°	1.5	55 x 64.3 x 122.2	350	1.3		
1/2"	MHV12X1016D	10 - 120mm	F1.6 - F360	DC Auto	C	34.7° - 3.1°	37.6° - 3.41°	1.5	55 x 64.3 x 122.2	375	1.3		○

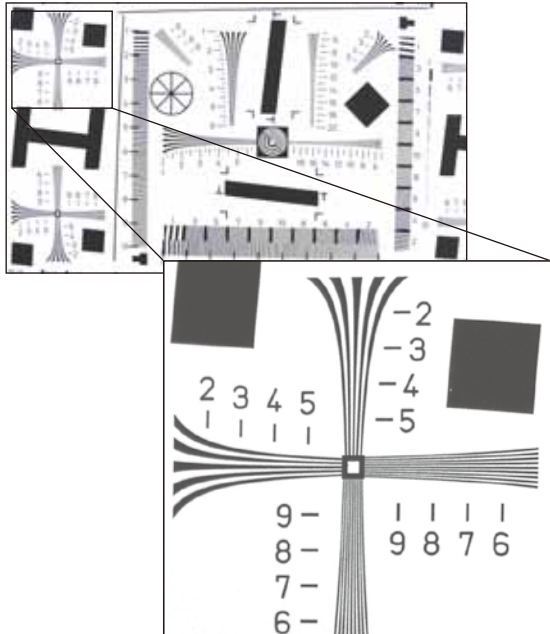
"pro" Series Day & Night CS-mount Varifocal Lens

Format	Model Number	Focal Length	F-Stop	Iris Drive	Mount	Horizontal Angle of View		M.O.D. (m)	Dimensions (mm)	Weight (g)	MEGA	Glass ASP	IR
						(4:3)	(16:9)						
1/3"	TV3X0310D	3 - 8.5mm	F1.0 - F360	DC Auto	CS	90.5° - 33.6°	67.2° - 25.2°	0.2	35 x 47.4 x 46	54		○	○
1/3"	TV4X2812D	2.8 - 12mm	F1.2 - F360	DC Auto	CS	98.5° - 23.8°	73° - 17.8°	0.2	35 x 47.9 x 53.3	58		○	○
1/3"	TV7X7513D	7.5 - 50mm	F1.3 - F360	DC Auto	CS	36.6° - 5.64°	27.4° - 4.26°	0.4	38 x 50.1 x 55.2	68		○	○

Standard Resolution Lens



ADL Mega Pixel Lens

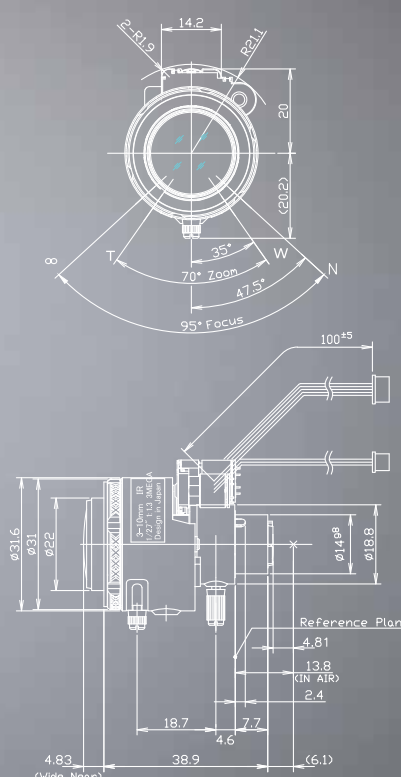


ADL Mega Pixel Lens provides high resolution & high contrast image quality.
ADL Mega Pixel Lens allows you to see details at image edges, screen corners, and maintains a crisp enlarge picture while digital zooming.

- **ADL 3 Mega Pixel IR Board Lens Series**



Lens specification



3 Mega Pixel Aspherical + IR Board Lens

Format	Primary Model No.	Factory Code	Focal Length	F-Stop	Horizontal Angle of View		Mount (mm)	Dimensions (mm)
					(4:3)	(16:9)		
1/2.5"	MFVF3X3414IR	SP209K	3.4-10mm	F1.4	104° - 35°	117° - 39°	Φ14	Φ31.6 x 38.9
1/2.7"	MSVF3.3X0313IR	SP209	3-10mm	F1.3	103° - 32°	117° - 36°	Φ14	Φ31.6 x 38.9
1/2.7"	MSVF2.4X3315IR	AGHK	3.3-8mm	F1.5	89° - 38.6°	99.3° - 42.9°	Φ14	Φ29 x 37.9
1/2.7"	MSVF2.4X0915IR	PD13	9-22mm	F1.5	33.8° - 14.1°	37.7° - 15.7°	Φ14	Φ29.2 x 40.2
1/2.7"	MSVF6.2X0815IR	AGQ	8-50mm	F1.5	37.3° - 6.1°	41.5° - 6.8°	Φ19	Φ42 x 68
1/3"	MTVF2.7X0314IR	AGH	3-8mm	F1.4	89.8° - 35.1°	98° - 38.21°	Φ14	Φ29.6 x 37.9

2 Mega Pixel Aspherical + IR Board Lens

Format	Primary Model No.	Factory Code	Focal Length	F-Stop	Horizontal Angle of View		Mount (mm)	Dimensions (mm)
					(4:3)	(16:9)		
1/3"	MTVF3.3X0313IR	PD11	3-10mm	F1.3	95.5° - 28.8°	106.1° - 31.4°	Φ14	Φ29 x 37.9
1/2.7", 1/3"	MTVF2.4X0915IR	PD12	9-22mm	F1.5	30.6° - 13°	33.5° - 14.1°	Φ14	Φ29.2 x 40.2

1.3 Mega Pixel Aspherical + IR Board Lens

Format	Primary Model No.	Factory Code	Focal Length	F-Stop	Horizontal Angle of View		Mount (mm)	Dimensions (mm)
					(4:3)	(16:9)		
1/2.7"	MSVF3X3313IR	PD11K	3.3-10mm	F1.3	94.5° - 31.6°	106.4° - 35.4°	Ø14	Ø29 x 37.9
1/3"	MTVF3.6X2814IR	PD07MA65	2.8-10mm	F1.4	98.8° - 28.8°	109.8° - 31.4°	Ø14	Ø29 x 37.9

VGA/D1 Aspherical + IR Board Lens

Format	Primary Model No.	Factory Code	Focal Length	F-Stop	Horizontal Angle of View		Mount (mm)	Dimensions (mm)
					(4:3)	(16:9)		
1/2.7"	SVF3X3313IR	PD07MK	3.3-10mm	F1.3	93.3° - 31.8°	105.5° - 35.2°	Φ14	Φ29 x 37.9
1/3"	TVF2.4X2513IR	AAA	2.5-6mm	F1.3	108.2° - 47.6°	116.8° -51.8°	Φ14	Φ29 x 37.9
1/3"	TVF3.6X2812IR	PD07M	2.8-10mm	F1.2	94° - 28.9°	104.2° - 31.5°	Φ14	Φ29 x 37.9
1/2.7", 1/3"	TVF2.4X0915IR	PD08	9-22mm	F1.5	30.4° - 13°	33.4° - 14.2°	Φ14	Φ29.2 x 40.2
1/3"	TVF3.2X0310IR	AAF	3-9.5mm	F1.0	94.9° - 30.1°	104.7° - 32.8°	Φ19	Φ29 x 46.4
1/3"	TVF3X1815IR	PD10	18-50mm	F1.5	14.6° - 5.6°	16° - 6.1°	Φ19	Φ29 x 45.6

Extension Code for Iris/ICR/Motorized options

	Options			
Ext.Code	DC AI	P-iris	ICR	Motor Z&L
-BCD	☐			
-BCDN	☐		☐	
-BCD-MD	☐			☐
-BCDN-MD	☐		☐	☐
-BCP		☐		
-BCPN		☐	☐	
-BCP-MD		☐		☐
-BCPN-MD		☐	☐	☐

Mega Pixel Lens Holder (MM-2/MM-2A)



(Patent No.5194292)

MTVF2.7X0314IR	MSVF3.3X0313IR	MSVF2.4X0915IR	MSVF6.2X0815IR
• 1/3" Format • 3-8mm F1.4 • Aspherical • ED (Extra Ordinary low Dispersion Glass)	• 1/2.7" Format • 3-10mm F1.3 • Aspherical • ED (Extra Ordinary low Dispersion Glass)	• 1/2.7" Format • 9-22mm F1.5 • Aspherical • ED (Extra Ordinary low Dispersion Glass)	• 1/2.7" Format • 8-50mm F1.5 • Aspherical • ED (Extra Ordinary low Dispersion Glass)

5 Mega Pixel Fisheye Lens



Half inch size
4.8 x 6.4mm

1/2.5 inch size
4.3 x 5.7mm

1/3 inch size
3.6 x 4.8mm

HFE 1916C
5.7mm image circle



HFE1916C

Factory Automation & Machine Vision Lens



HFA0614

MFA2514

MFA1795H

VFA5095H

Motorized Zoom Lens



HZ35X1015VP

HZ62X1235VPX

TZ8X0612VP

HZ20X0816VPIR

IR Corrected

5 Mega Pixel Fisheye Lens

Format	Model Number	Focal Length	F-Stop	Iris Drive	Mount	Horizontal Angle of View		M.O.D. (m)	Dimensions (mm)	Weight (g)	MEGA	Preset Z & F
						(1/2.5")	—					
1/2.5"	HFE1916C	1.87mm	F1.6 - F22	Manual	C	180°	—	0.15	Φ36 x 34.3	50.8	5	

Factory Automation & Machine Vision Lens

Format	Model Number	Focal Length	F-Stop	Iris Drive	Mount	Horizontal Angle of View		M.O.D. (m)	Dimensions (mm)	Weight (g)	MEGA	Preset Z & F
						(1/2")	(1/3")					
1/2"	HFA0614	6mm	F1.4 - F16	Manual	C	57.4°	44.5°	0.2	Φ32 x 37.5	65	1.3	
						(2/3")	(1/2")					
2/3"	MFA1614	16mm	F1.4 - F16	Manual	C	30.7°	22.8°	0.25	Φ29 x 29.5	42	3	
2/3"	MFA2514	25mm	F1.4 - F16	Manual	C	20.1°	14.6°	0.25	Φ29 x 31.5	45	2	
2/3"	MFA3520	35mm	F2.0 - F22	Manual	C	14.3°	10.4°	0.25	Φ29 x 38.5	55	3	
2/3"	MFA5028	50mm	F2.8 - F22	Manual	C	9.9°	7.3°	0.5	Φ29 x 38.5	55	3	
2/3"	MFA1795H	17mm	F0.95 - F16	Manual	C	29°	21.3°	0.5	Φ42 x 63.2	165		
						(1")	(2/3")					
1"	VFA1213	12.5mm	F1.3 - F16	Manual	C	54.5°	39.6°	0.23	Φ43 x 57	160	1.3	
1"	VFA2595H	25mm	F0.95 - F16	Manual	C	28.7°	20°	0.5	Φ41.8 x 45.2	165	1.3	
1"	VFA5095H	50mm	F0.95 - F16	Manual	C	14.6°	10.1°	0.6	Φ65 x 74.1	470	1.3	

Motorized Zoom Lens

Format	Model Number	Focal Length	F-Stop	Iris Drive	Mount	Horizontal Angle of View		M.O.D. (m)	Dimensions (mm)	Weight (g)	MEGA	Preset Z & F
						(1/3")	(1/4")					
1/3"	TZ8X0612D	6 - 48mm	F1.2 - F360	DC Auto	CS	44.3° - 5.8°	33.3° - 4.4°	1	72 x 64 x 91.8	390		
1/3"	TZ8X0612V	6 - 48mm	F1.2 - F360	Video Auto	CS	44.3° - 5.8°	33.3° - 4.4°	1	72 x 64 x 91.8	395		
1/3"	TZ8X0612VP	6 - 48mm	F1.2 - F360	Video Auto	CS	44.3° - 5.8°	33.3° - 4.4°	1	72 x 64 x 91.8	450		○
1/3"	TZ10X0614D	6 - 60mm	F1.4 - F360	DC Auto	CS	43.4° - 4.6°	33° - 3.51°	1	68 x 65 x 108.5	450		
1/3"	TZ10X0614V	6 - 60mm	F1.4 - F360	Video Auto	CS	43.4° - 4.6°	33° - 3.51°	1	68 x 65 x 108.5	455		
1/3"	TZ10X0614VP	6 - 60mm	F1.4 - F360	Video Auto	CS	43.4° - 4.6°	33° - 3.51°	1	68 x 65 x 108.5	505		○
						(1/2")	(1/3")					
1/2"	HZ8X0816D	8 - 64mm	F1.6 - F360	DC Auto	C	44° - 5.8°	33.2° - 4.4°	1	72 x 64 x 91.8	365		
1/2"	HZ8X0816V	8 - 64mm	F1.6 - F360	Video Auto	C	44° - 5.8°	33.2° - 4.4°	1	72 x 64 x 91.8	370		
1/2"	HZ8X0816VP	8 - 64mm	F1.6 - F360	Video Auto	C	44° - 5.8°	33.2° - 4.4°	1	72 x 64 x 91.8	430		○
1/2"	HZ10X0816D	8 - 80mm	F1.6 - F360	DC Auto	C	43.4° - 4.6°	32.9° - 3.51°	1	68 x 65 x 103.5	450		
1/2"	HZ10X0816V	8 - 80mm	F1.6 - F360	Video Auto	C	43.4° - 4.6°	32.9° - 3.51°	1	68 x 65 x 103.5	455		
1/2"	HZ10X0816VP	8 - 80mm	F1.6 - F360	Video Auto	C	43.4° - 4.6°	32.9° - 3.51°	1	68 x 65 x 103.5	505		○
1/2"	HZ21X1015M	10 - 210mm	F1.5 - F1000	3 Motor	C	35.6° - 1.78°	26.8° - 1.35°	2	94.5 x 84 x 169	1100		
1/2"	HZ21X1015V	10 - 210mm	F1.5 - F1000	Video Auto	C	35.6° - 1.78°	26.8° - 1.35°	2	94.5 x 84 x 169	1100		
1/2"	HZ21X1015VP	10 - 210mm	F1.5 - F1000	Video Auto	C	35.6° - 1.78°	26.8° - 1.35°	2	94.5 x 84 x 169	1140		○
1/2"	HZ31X1015M	10 - 310mm	F1.5 - F1000	3 Motor	C	35.3° - 1.27°	26.7° - 0.9°	2.8	100 x 112 x 238.5	1850		
1/2"	HZ31X1015V	10 - 310mm	F1.5 - F1000	Video Auto	C	35.3° - 1.27°	26.7° - 0.9°	2.8	100 x 112 x 238.5	1850		
1/2"	HZ31X1015VP	10 - 310mm	F1.5 - F1000	Video Auto	C	35.3° - 1.27°	26.7° - 0.9°	2.8	100 x 112 x 238.5	1900		○
1/2"	HZ35X1015M	10 - 350mm	F1.5 - F1000	3 Motor	C	35.3° - 1.05°	26.7° - 0.79°	2.5	100 x 112 x 238.5	1950	1	
1/2"	HZ35X1015V	10 - 350mm	F1.5 - F1000	Video Auto	C	35.3° - 1.05°	26.7° - 0.79°	2.5	100 x 112 x 238.5	1950	1	
1/2"	HZ35X1015VP	10 - 350mm	F1.5 - F1000	Video Auto	C	35.3° - 1.05°	26.7° - 0.79°	2.5	100 x 112 x 238.5	2000	1	○
1/2"	HZ62X1235V	12.5 - 775mm	F3.5 - Close	Video Auto	C	28.77° - 0.47°	21.78° - 0.35°	5	150 x 135 x 367.5	5250	2	
1/2"	HZ62X1235VPX	12.5 - 1,550mm	F3.5 - Close	Video Auto	C	28.77° - 0.24°	21.78° - 0.18°	5	150 x 135 x 367.5	5500	2	○
2/3"	MZ62X2570V	25 - 1,550mm	F7.0 - Close	Video Auto	C	14.61° - 0.24°	10.97° - 0.18°	5	150 x 135 x 367.5	5250	1	

IR Corrected Motorized Zoom Lens

Format	Model Number	Focal Length	F-Stop	Iris Drive	Mount	Horizontal Angle of View		M.O.D. (m)	Dimensions (mm)	Weight (g)	MEGA	Preset Z & F
						(1/2")	(1/3")					
1/2"	HZ20X0816VIR	8 - 160mm	F1.6 - F1000	Video Auto	C	42.7° - 2.28°	32.7° - 1.72°	1.5	84 x 95.5 x 152.5	1400		
1/2"	HZ20X0816VPIR	8 - 160mm	F1.6 - F1000	Video Auto	C	42.7° - 2.28°	32.7° - 1.72°	1.5	84 x 95.5 x 152.5	1450		○
1/2"	HZ30X1028VIR	10 - 300mm	F2.8 - F360	Video Auto	C	35.5° - 1.2°	27° - 0.9°	3	105 x 92 x 221.5	1900		
1/2"	HZ30X1028VPIR	10 - 300mm	F2.8 - F360	Video Auto	C	35.5° - 1.2°	27° - 0.9°	3	105 x 92 x 221.5	1950		○
1/2"	HZ62X1235VPXFIR	12.5 - 1,550mm	F3.5 - Close	Video Auto	C	28.77° - 0.24°	21.78° - 0.18°	5	150 x 135 x 367.5	5950	2	○