

Mega-Pixel CCTV Lenses / Height Adjustment Screw Set for Post Clamps / Rear Converter / Setscrews

Auto Extension Ring / CCTV Lens / A. E. Ring Mounting Conversion Chart

■ Features: The Mega-Pixel Type with little distortion is also available. This type is equipped with resolution equivalent to those of 1 million-pixel cameras. For selection, see P2028

Mega-Pixel CCTV Lenses

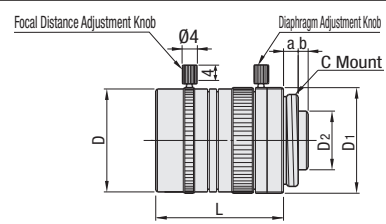
CCTV Lenses

RoHS10



MLCV

LCV



Material: Aluminum (Body)
Surface Treatment: Black Anodize (Body)

Part Number		Focal Distance	Aperture (FNO)	Max. applicable CCD	WD (Shooting Distance) (mm)	TV Distortion	Filter Screw Dia. (MxPitch)	L	D	D1	D2	a	b	Weight g	Unit Price	Volume Discount Rate
Type	No.														1 ~ 4 pc(s).	5 ~ 20 pcs.
MLCV	6	6	1.4~close	1/2 inch	200~∞	-0.96%	30.5x0.5	37.5	32	28.8	21.9	4	2	68		
	8	8	1.4~close	2/3 inch	100~∞	-0.10%	30.5x0.5	28.2	33.5	32	18		0.6	70		
	12	12	1.4~close	2/3 inch	150~∞	-0.10%	30.5x0.5	28.2	33.5	32	18		0.8	65		
	16	16	1.4~close	2/3 inch	300~∞	-0.10%	30.5x0.5	28.2	33.5	32	18		0.9	65		
	25	25	1.4~close	2/3 inch	250~∞	-0.30%	25.5x0.5	31.5	29	28.8	21.5		0.5	45		
	35	35	2.0~close	2/3 inch	250~∞	-0.02%	25.5x0.5	38.5	29	29	-		-	55		
	50	50	2.8~close	2/3 inch	500~∞	-0.20%	25.5x0.5	38.5	29	29	-		-	55		

Part Number		Focal Distance	Aperture (FNO)	Max. applicable CCD	WD (Shooting Distance) (mm)	TV Distortion	Filter Screw Dia. (MxPitch)	L	D	D1	D2	a	b	Weight g	Unit Price	Volume Discount Rate
Type	No.														1 ~ 4 pc(s).	5 ~ 20 pcs.
LCV	6	6	1.4~close	1/2 inch	200~∞	-1.60%	27x0.5	30.0	30	29.4	19.5	4	2.6	57		
	8	8	1.3~close	2/3 inch	200~∞	-1.90%	25x0.5	34.5	29	29	16		2.7	52		
	12	12	1.4~close	1/2 inch	300~∞	-0.30%	27x0.5	34.5	30	29.4	-		-	56		
	16	16	1.4~close	2/3 inch	400~∞	-0.60%	27x0.5	24.5	30	29.4	16		1.4	40		
	25	25	1.4~close	1 inch	500~∞	-0.60%	27x0.5	24.5	30	29.4	16		1.6	40		
	35	35	1.9~close	2/3 inch	500~∞	0.08%	27x0.5	29.0	30	29.4	16		0.8	50		
	50	50	1.8~close	2/3 inch	1000~∞	0.20%	30.5x0.5	37.0	32	29.4	-		-	55		

For orders larger than indicated quantity, please check with WOS.

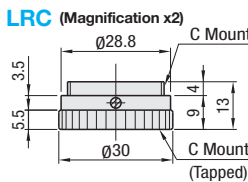
Rear Converter

RoHS10



LRC (Magnification x2)

C Mount



Material: Aluminum (Body)
Surface Treatment: Black Anodize (Body)

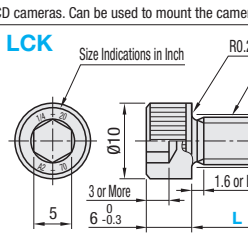
Setscrews

RoHS10



LCK

C Mount



Material: EN 1.4567 Equiv.
Surface Treatment: Passivated

■ Features: Mounts below Post Clamps to provide easy manual height adjustments (Max. recommended stroke 5mm). Best suited for camera and sensor position adjustments. Details: P2170

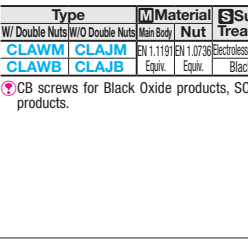
Height Adjustment Screw

RoHS10



CLAWM

CLAJM



Material: EN 1.1191/EN 1.0736 Electroless Nickel Plating
Surface Treatment: Hex Socket Head Cap Screw (Stainless Steel)
Accessory: CB screws for Black Oxide products, SCB for Electroless Nickel Plated products.

Part Number		Focal Distance	Aperture (FNO)	Max. applicable CCD	WD (Shooting Distance) (mm)	TV Distortion	Filter Screw Dia. (MxPitch)	L	D	D1	D2	a	b	Weight g	Unit Price	Volume Discount Rate
Type	No.														1 ~ 4 pc(s).	5 ~ 20 pcs.
CLAWM	10	10	1.4~close	1/2 inch	200~∞	-1.60%	27x0.5	30.0	30	29.4	19.5	4	2.6	57		
	12	12	1.4~close	1/2 inch	300~∞	-0.30%	27x0.5	34.5	30	29.4	-		-	56		
	16	16	1.4~close	2/3 inch	400~∞	-0.60%	27x0.5	24.5	30	29.4	16		1.4	40		
	20	20	1.4~close	2/3 inch	500~∞	-0.60%	27x0.5	24.5	30	29.4	16		1.6	40		
	25	25	1.4~close	1 inch	500~∞	-0.60%	27x0.5	24.5	30	29.4	16		1.6	40		
	30	30	1.4~close	1 inch	500~∞	-0.60%	27x0.5	24.5	30	29.4	16		1.6	40		

*1 Shows the nut portion protruding 1mm from the main body.
*2 When "W/O Double Nuts" is selected, double nut is not included.
*D1 tolerance is for before the slit machining. *Set screw is not included. *Recommended tolerances of fitting shafts for D1: g6, f8.

Ordering Example

Part Number



MLCV50
LCV12
LRC
LCK8
CLAJM20

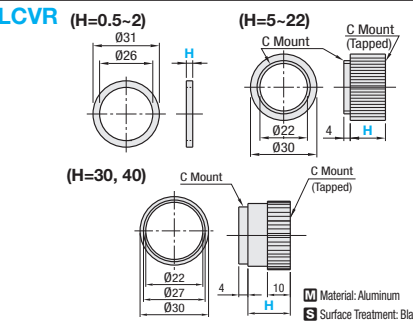
Auto Extension Ring

RoHS10



LCVR

C Mount



Material: Aluminum
Surface Treatment: Black Anodize

Field of View, Magnification and Shooting Distance when Mounting Auto Extension Ring

• Mega-Pixel Lenses (MLCV)

Lens Focal Distance		MLCV6				MLCV8				MLCV12				MLCV16			
Auto Extension Ring (mm)	Field of View (Width x Length)	1/2"	1/3"	1/4"	WD (mm)	1/2"	1/3"	1/4"	WD (mm)	1/2"	1/3"	1/4"	WD (mm)	1/2"	1/3"	1/4"	WD (mm)
0	171x229	129x171	96x129	201	66x88	49x66	37x49	102	67x89	50x67	38x50	151	94x125	71x94	53x71	299	
0.5	43x58	32x43	24x32	41	38x48	27x38	20x27	51	42x56	32x42	24x32	90	59x78	44x59	33x44	180	
1	58x77	43x58	33x43	58	50x107	36x50	27x36	126	114x152	86x114	64x86	272	155x206	118x155	87x118	496	
1.5	25x33	18x25	14x18	18	25x33	19x25	14x19	31	31x41	23x31	17x23	62	42x56	32x42	24x32	126	
2	29x38	22x29	16x22	23	40x53	30x40	23x30	57	58x77	43x58	33x43	128	76x102	57x76	43x57	240	
5	17x23	13x17	10x13	8	19x25	14x19	11x14	21	24x32	18x24	14x18	46	33x44	25x33	19x25	96	
10	19x26	14x19	11x14	11	27x35	20x27	15x20	34	38x51	29x38	22x29	80	51x68	38x51	29x38	155	
15	13x18	10x13	7x10	3	15x20	12x15	9x12	15	20x27	15x20	11x15	35	27x36	21x27	15x21	76	
20	14.4x19.2	10.8x14.4	8.1x10.8	5	20x27	15x20	11x15	22	29x38	22x29	18x22	56	38x51	29x38	22x29	112	
30	-	-	-	-	-	-	-	-	10x13	7.4x10	5.5x7.4	9	13x18	10x13	7.4x10	29	
40	-	-	-	-	-	-	-	-	12x15	8.6x12	6.5x8.6	13	15x20	12x15	8.6x12	36	
50	-	-	-	-	-	-	-	-	7x9	5.3x7	4.0x5.3	9	8x10	5.3x7	4.0x5.3	9	
60	-	-	-	-	-	-	-	-	8x10	5.8x7	4.3x5.8	10	-	-	-	-	

Lens Focal Distance		MLCV25				MLCV35				MLCV50			
Auto Extension Ring (mm)	Field of View (Width x Length)	1/2"	1/3"	1/4"	WD (mm)	1/2"	1/3"	1/4"	WD (mm)	1/2"	1/3"	1/4"	WD (mm)
0	48x63	36x48	27x36	242	32x43	24x32	18x24	244	42x57	32x42	23x31	499	
0.5	40x53	30x40	22x30	201	29x39	22x29	17x22	224	39x52	29x39	22x29	463	
1	240x320	180x240	135x180	1235	343x457	257x343	193x257	2445	480x640	360x480	270x360	5032	
1.5	34x45	26x34	19x26	172	27x36	20x27	15x20	207	36x48	27x36	20x27	433	
2	120x160	90x120	60x90	614	160x221	124x166	93x124	1221	240x320	180x240	135x180	2542	
5	30x40	22x30	17x22	150	25x33	19x25	14x19	191	34x45	25x34	18x25	406	
10	80x107	60x80	45x60	407	112x149	84x112	63x84	813	160x213	120x160	90x120	1712	
15	27x35	20x27	15x20	133	23x31	17x23	13x17	179	31x42	24x31	17x23	384	
20	60x80	45x60	40x45	303	84x112	63x84	47x63	609	120x160	90x120	67x90	1297	
30	19x21	12x15	9x12	78	16x22	12x15	9x12	129	23x30	17x23	12x15	292	
40	24x32	18x24	13x18	117	33x44	25x33	18x25	242	48x64	36x48	27x36	550	
50	10x13	7x10	5x7	45	11x15	8x11	6x8	90	15x20	11x15	8x11	216	
60	12x16	9x12	6x8	55	16x22	12x15	9x12	120	24x32	18x24	13x18	301	
70	7x9	5x7	4x5	31	8x11	6x8	5x7	70	12x15	9x12	6x8	178	
80	8x10	6x8	4x5	34	11x14	8x11	6x8	79	16x21	12x15	9x12	218	
90	5x7	4x5	3x4	23	7x9	5x7	4x5	58	9x12	7x9	5x7	154	
100	6x8	4x5	3x4	24	8x11	6x8	4x5	59	12x16	9x12	6x8	176	
120	4.3x5.8	3.3x4.3	2.4x3.3	18	6x7	4x5	3x4	50	8x10	6x8	4x5	139	
140	4.8x6.4	3.6x4.8	2.7x3.6	18	6.7x9.0	5.0x6.7	3.8x5.0	46	10x13	7x10	5.4x7.2	151	
160	3.7x4.9	2.8x3.7	2.1x2.8	14	4.8x6.4	3.6x4.8	2.7x3.6	44	7x9	5x7	3.8x5.0	127	
180	4x5.3	3x4	2.2x3	13	5.0x7.5	4.2x5.0	3.1x4.2	38	8x11	6x8	4.5x6.0	136	
200	3.2x4.3	2.4x3.2	1.8x2.4	12	4.2x5.6	3.1x4.2	2.3x3.1	40	6x8	4x5	3.3x4.4	119	
250	3.4x4.6	2.6x3.4	1.9x2.6	10	4.8x6.4	3.6x4.8	2.7x3.6	32	7x9	5x7	3.9x5.1	123	
300	-	-	-	-	3.7x5.0	2.8x3.7	2.1x2.8	36	5x7	4x5	3.0x3.9	112	
350	-	-	-	-	4.2x5.6	3.1x4.2	2.3x3.1	28	6x8	4x5	3.4x4.5	114	
400	-	-	-	-	3.3x4.5	2.5x3.3	1.9x2.5	34	5x6	4x5	2.7x3.5	107	
450	-	-	-	-	3.7x5.0	2.8x3.7	2.1x2.8	35	5x7	4x5	3.0x4.0	107	
500	-	-	-	-	3.0x4.1	2.3x3.0	1.7x2.3	31	4x6	3x4	2.4x3.2	102	
600	-	-	-	-	3.2x4.3	2.4x3.2	1.8x2.4	22	5x6	4x5	2.7x3.6	102	

• CCTV Lenses

Distance		LCV6				LCV8				LCV12				LCV16			
Auto Extension Ring (mm)	Field of View (Width x Length)	1/2"			WD (mm)	1/2"			WD (mm)	1/2"			WD (mm)	1/2"			
		1/2"	1/3"	1/4"		1/2"	1/3"	1/4"		1/2"	1/3"	1/4"		1/2"	1/3"	1/4"	
0	165x221	124x165	93x124	200	96x128	72x96	54x72	148	103x137	77x103	54x77	248	109x145	82x109	60x82	358	
0.5	44x58	33x44	25x33	43	43x57	32x43	24x32	59	55x73	41x55	31x41	125	64x86	49x64	39x49	206	
	60x79	45x60	34x45	63	77x102	57x77	43x57	115	119x159	89x119	67x89	289	156x208	119x156	90x119	399	
1	25x34	19x25	14x19	19	27x37	21x27	15x21	34	38x50	29x38	21x29	84	44x58	33x44	25x33	125	
	30x40	22x30	17x22	25	38x51	29x38	21x29	52	59x79	45x59	34x45	145	67x89	51x67	39x51	206	
1.5					20x27	15x20	11x15	22	29x38	21x29			40x53	30x40			
					26x34	19x26	14x19	31					46x60	35x46			
2																	
5																	
10																	