

PENTAX



CCTV

Closed Circuit Television Lenses



For Security

Motorized Zoom Lens

Manual Zoom Lens

Vari-Focal Lens

Board Camera Lens

Monofocal Auto-Iris Lens

Pinhole Lens

For Machine Vision

Line-Scan Lens

UV Lens

Mega-Pixel Lens

Monofocal Manual Iris Lens

Products Line Up

MODEL	Focal Length (mm)	Iris Range	Mount	Horizontal Angel of View (°)				Filter Size	Dimensions (D×L×W×H×L)mm	Weight(g)	Remarks
				1/4 format	1/3 format	1/2 format	2/3 format				
Motorized Zoom Lens											
<i>1/3 format</i>											
TS6ZME(C70600)	6.3-38	1.2-360	CS	31.26-5.59	41.12-7.43			49 P=0.75	58×63.5×78	410	Video or DC Iris
TS10ZME(C70500)	5.8-58	1.2-360	CS	33.77-3.62	44.07-4.78			49 P=0.75	64.6×70.3×85	380	Video or DC Iris
TS10ZME-P(C70501)	5.8-58	1.2-360	CS	33.77-3.62	44.07-4.78			49 P=0.75	64.6×70.3×85	430	Video or DC Iris
TS15ZAME(C70624)	6.0-90	1.2-430	CS	32.96-2.33	43.48-3.08			62 P=0.75	78×88.5×119	760	Video or DC Iris
TS15ZAME-P(C70627)	6.0-90	1.2-430	CS	32.96-2.33	43.48-3.08			62 P=0.75	78×88.5×119	770	Video or DC Iris, Preset
TS15ZAME-FH(C70628)	6.0-90	1.2-430	CS	32.96-2.33	43.48-3.08			62 P=0.75	78×88.5×119	770	Video Iris w/Override, Preset *
TS20ZAME(C70904)	9.0-180	1.2-510	CS	22.61-1.15	30.28-1.53			95 P=1.0	116×135×223.5	2,590	Video or DC Iris
TS20ZAME-P(C70906)	9.0-180	1.2-510	CS	22.61-1.15	30.28-1.53			95 P=1.0	116×135×223.5	2,590	Video or DC Iris, Preset
TS20ZAME-F(C70905)	9.0-180	1.2-510	CS	22.61-1.15	30.28-1.53			95 P=1.0	116×135×223.5	2,590	Video Iris w/Override, Preset *
<i>1/2 format</i>											
HS6ZME(C60806)	8.0-48	1.4-360	CS	24.81-4.39	32.78-5.82	42.88-7.69		49 P=0.75	58×63.5×78	400	Video or DC Iris
H6ZBME(C60809)	8.0-48	1.0-720	C	24.92-4.42	32.98-5.86	43.24-7.73		55 P=0.75	64×74.5×97	530	Video or DC Iris
H6ZBME-P(C60810)	8.0-48	1.0-720	C	24.92-4.42	32.98-5.86	43.24-7.73		55 P=0.75	64×74.5×97	540	Video or DC Iris, Preset
H6ZBME-F(C60813)	8.0-48	1.0-720	C	24.92-4.42	32.98-5.86	43.24-7.73		55 P=0.75	64×74.5×97	540	Video Iris w/Override, Preset
HS10ZME(C60700)	7.5-75	1.4-360	CS	26.15-2.83	34.52-3.75	45.05-4.95		58 P=0.75	67×75×112	580	Video or DC Iris
H10ZME(C60701)	7.5-75	1.2-512	C	26.45-2.84	34.94-3.77	45.63-4.99		62 P=0.75	70×80.5×121.5	715	Video or DC Iris
H10ZME-P(C60702)	7.5-75	1.2-512	C	26.45-2.84	34.94-3.77	45.63-4.99		62 P=0.75	70×80.5×121.5	740	Video or DC Iris, Preset
H10ZME-F(C60704)	7.5-75	1.2-512	C	26.45-2.84	34.94-3.77	45.63-4.99		62 P=0.75	70×80.5×121.5	740	Video Iris w/Override, Preset *
H15ZAME(C60826)	8.0-120	1.6-1000	C	24.76-1.76	32.85-2.34	43.37-3.09		62 P=0.75	78×88.5×134	800	Video or DC Iris
H15ZAME-P(C60829)	8.0-120	1.6-1000	C	24.76-1.76	32.85-2.34	43.37-3.09		62 P=0.75	78×88.5×134	840	Video or DC Iris, Preset
H15ZAME-FH(C60830)	8.0-120	1.6-1000	C	24.76-1.76	32.85-2.34	43.37-3.09		62 P=0.75	78×88.5×134	840	Video Iris w/Override, Preset *
H20ZAME(C61237)	12-240	1.6-720	C	17.17-0.88	22.95-1.17	30.78-1.56		95 P=1.0	116×135×223.5	2,590	Video or DC Iris
H20ZAME-P(C61239)	12-240	1.6-720	C	17.17-0.88	22.95-1.17	30.78-1.56		95 P=1.0	116×135×223.5	2,630	Video or DC Iris, Preset
H20ZAME-FH(C61240)	12-240	1.6-720	C	17.17-0.88	22.95-1.17	30.78-1.56		95 P=1.0	116×135×223.5	2,630	Video Iris w/Override, Preset *
H55ZAME-F(C61244)	12-1680	4.0-360	C	17.17-0.12	23.18-0.16	31.65-0.22		105 P=1.0	155×138×355	5,400	Video Iris w/Override, Preset *
<i>2/3 format</i>											
C6ZAME(C31220)	12.5-75	1.8-720	C	16.05-2.75	21.36-3.66	28.38-4.87	38.72-6.67	49 P=0.75	101.5×92.2×94.5	620	Video Iris
C6ZME-P(C31221)	12.5-75	1.8-720	C	16.05-2.75	21.36-3.66	28.38-4.87	38.72-6.67	49 P=0.75	101.5×92.2×94.5	655	Video Iris, Preset
C6Z1218M3(C31211)	12.5-75	1.8-C	C	16.07-2.75	21.38-3.66	28.41-4.87	38.76-6.67	49 P=0.75	101.5×92.2×94.5	820	Motorized Iris
D/A converter option available on the models marked with(*)											
Manual Zoom Lens											
<i>1/2 format</i>											
H6ZBE(C60811)	8.0-48	1.0-720	C	24.92-4.42	32.98-5.86	43.24-7.73		55 P=0.75	69×64×95	465	Video or DC Iris
H6ZB10(C60812)	8.0-48	1.0-22	C	24.92-4.42	32.99-5.86	43.26-7.73		55 P=0.75	57×95	430	Manual Iris, Lock Screws
<i>2/3 format</i>											
C6ZE(C31219)	12.5-75	1.8-720	C	16.05-2.75	21.36-3.66	28.38-4.87	38.72-6.67	49 P=0.75	68×90	385	Video Iris
C6Z1218(C31204)	12.5-75	1.8-22	C	16.07-2.75	21.38-3.66	28.41-4.87	38.76-6.67	49 P=0.75	51×90	320	Manual Iris
Vari-Focal Lens											
<i>1/3 format</i>											
TS2V114E(C70100)	1.6-3.4	1.4-64	CS	180-64.89	180-89.55				38.3×44.7×56.7	140	Fish-Eye, DC Iris
TS2V214AED(C70220)	2.8-6.0	1.4-300	CS	72.26-35.35	96.70-47.04				40.4×45.7×43.2	59	Video or DC Iris, Day & Night
TS2V314CED(C70319)	3.5-8.0	1.4-300	CS	60.52-26.54	82.41-35.42				38.3×44.7×44.2	52	DC Iris
TS3V310ED(C70315)	3.0-8.0	1.0-360	CS	68.98-26.44	93.22-35.26				38.3×44.7×44.4	60	Video or DC Iris, Day & Night
TS4V214ED(C70223)	2.8-12	1.4-360	CS	71.82-18.05	93.29-23.50				43.0×51.5×68.1	83	DC Iris
TS10V518AED(C70509)	5.0-50	1.8-360	CS	37.80-4.14	50.00-5.52				44.5×50.8×61.5	140	DC Iris
TS3V310(C70316)	3.0-8.0	1.0-C	CS	68.98-26.44	93.22-35.26				36.2×44.4	47	Manual Iris, Day&Night
<i>1/2 format</i>											
HS2V616ED(C60635)	6.0-12	1.6-300	CS	34.98-17.23	47.38-23.02	65.29-30.82		30.5 P=0.5	40.4×45.7×43.5	57	Video or DC Iris, Day & Night
Board Camera Lens											
<i>1/4 format</i>											
QD2V2214BE-DN(C40218)	2.2-4.5	1.4-200	14	92.84-45.88					29.6×50.2×31.9	34	DC Iris, Day&Night
QD2V2814BE-DN(C40217)	2.8-5.8	1.4-200	14	74.67-35.86					29.6×50.2×31.9	33	DC Iris, Day&Night
QD3ZMED(C40219)	2.8-7.3	1.9-200	Special	73.42-28.74					35.1×29.7×26.8	18	DC Iris
<i>1/3 format</i>											
TD3V314E-DN(C70318)	3.0-8.0	1.4-300	14	68.67-26.48	92.52-35.28				29.6×41.2×33.1	29	DC Iris, Day & Night
TD3V212ED(C70225)	2.9-9.0	1.2-300	14	70.91-23.67	96.88-31.54				29.6×37.1×34.0	23	DC Iris

MODEL	Focal Length (mm)	Iris Range	Mount	Horizontal Angel of View (°)				Filter Size	Dimensions (D×L)W×H×L)mm	Weight(g)	Remarks
				1/4 format	1/3 format	1/2 format	2/3 format				

Monofocal Auto-Iris Lens

1/3 format												
TS212E(C70210)	2.8	1.2-200	CS	71.54	94.28					36.8 × 43.5 × 36.3	54	DC Iris
1/2 format												
H416E(C60405)	4.2	1.6-360	C	47.90	64.30	86.78			-	46.5 × 50.5 × 45	135	Video Iris
H416ER(C60404)	4.2	1.6-360	C	47.90	64.30	86.78			-	46.5 × 50.5 × 45	135	Video Iris with Override
H612E(C60625)	6.0	1.2-360	C	32.96	43.54	56.91			43 P=0.75	46.5 × 50.5 × 51.1	140	Video Iris
H612ER(C60624)	6.0	1.2-360	C	32.96	43.54	56.91			43 P=0.75	46.5 × 50.5 × 51.1	140	Video Iris with Override
H1212E(C61220)	12.0	1.2-360	C	16.94	22.60	30.19			43 P=0.75	46.5 × 50.5 × 51.1	140	Video Iris
H1212ER(C61219)	12.0	1.2-360	C	16.94	22.60	30.19			43 P=0.75	46.5 × 50.5 × 51.1	140	Video Iris with Override
2/3 format												
C814E(C30821)	8.0	1.4-360	C	25.10	33.22	43.67	58.25		43 P=0.75	46.5 × 50.5 × 51.1	140	Video Iris
C814ER(C30820)	8.0	1.4-360	C	25.10	33.22	43.67	58.25		43 P=0.75	46.5 × 50.5 × 51.1	140	Video Iris with Override
C1614E(C31632)	16.0	1.4-360	C	12.72	16.92	22.50	30.76		43 P=0.75	46.5 × 50.5 × 46.7	110	Video Iris
C1614ER(C31631)	16.0	1.4-360	C	12.72	16.92	22.50	30.76		43 P=0.75	46.5 × 50.5 × 46.7	110	Video Iris with Override
1 format												
B1214E(C21223)	12.5	1.4 - 360	C	16.22	21.55	28.54	38.69		43 P=0.75	46.5 × 50.5 × 47.5	140	Video Iris
B1214ER(C21221)	12.5	1.4 - 360	C	16.22	21.55	28.54	38.69		43 P=0.75	46.5 × 50.5 × 47.5	140	Video Iris with Override
B2514E(C22527)	25.0	1.4 - 360	C	8.23	10.97	14.62	20.09		43 P=0.75	46.5 × 50.5 × 51.8	140	Video Iris
B2514ER(C22526)	25.0	1.4 - 360	C	8.23	10.97	14.62	20.09		43 P=0.75	46.5 × 50.5 × 51.8	140	Video Iris with Override
B5018E(C25018)	50.0	1.8 - 360	C	4.13	5.50	7.32	10.04		49 P=0.75	62 × 51	230	Video Iris , Limited numbers available
B5018ER(C25017)	50.0	1.8 - 360	C	4.13	5.50	7.32	10.04		49 P=0.75	62 × 51	230	Video Iris with Override , Limited numbers available
B7518AE(C27515)	75.0	1.8 - 360	C	2.74	3.65	4.87	6.69		49 P=0.75	62 × 70.5	300	Video Iris

Auto-Iris Pinhole Lens

TS420PE(C70403)	4.0	2.0-64	CS	51.24	68.47					36.5 × 42.3 × 65.9	79	DC Iris
H620PE(C60626)	6.2	2.0-300	C	32.44	42.82	56.12				39 × 45.5 × 83.2	100	Video or DC Iris

UV Lens(Ultraviolet Ray)

1/2 format												
H2520-UV(C62500)	25.0	2.0-16	C	8.24	10.98	14.62			27 P=0.5	29.5 × 46	78	200nm-1000nm Ray, Lock Screws
1 format												
B2528-UV(C91699)	25.0	2.8-16	C	8.30	11.10	14.80	20.40		25.5 P=0.5	30 × 25.4	33	230nm-800nm Ray
B7838-UV(C91698)	78.0	3.8-16	C	2.70	3.50	4.70	6.50		49 P=0.75	62.5 × 109.3	446	230nm-800nm Ray

Machine Vision Mega-Pixel Lens

1/2 format												
H1214-M(C61232)	12.0	1.4-16	C	16.49	21.88	28.91				29.5 × 28.5	55	Lock Screws
2/3 format												
C1614-M(C31634)	16.0	1.4-16	C	12.86	17.11	22.72	30.97		27 P=0.5	29.5 × 33.2	63	Lock Screws
C2514-M(C32500)	25.0	1.4-16	C	8.24	10.97	14.60	20.00		27 P=0.5	29.5 × 32	55	Lock Screws
C3518-M(C33500)	35.0	1.6-16	C	6.07	8.09	10.76	14.76		27 P=0.5	29.5 × 35.4	64	Lock Screws
C5028-M(C35001)	50.0	2.8-22	C	4.12	5.50	7.32	10.05		27 P=0.5	29.5 × 34	55	Lock Screws
C7528-M(C37500)	75.0	2.8-32	C	2.83	3.77	5.03	6.90		30.5 P=0.5	34 × 59.6	125	Lock Screws

Monofocal Manual Iris Lens

1/2 format												
H416(C60402)	4.2	1.6-C	C	47.87	64.27	86.77				42 × 43.5	120	Lock Screws
H612A(C60607)	6.0	1.2-C	C	32.97	43.55	56.93			40.5 P=0.5	42 × 46	125	Lock Screws
H1212B(C61215)	12.0	1.2-22	C	16.93	22.6	30.18			27 P=0.5	30 × 35.5	67	Lock Screws
2/3 format												
C418DX(C30405)	4.8	1.8-C	C	41.68	55.11	72.37	96.36			40.5 × 35.5	105	Lock Screws
C815B(C30811)	8.5	1.5-C	C	24.02	31.87	42.09	56.49		40.5 P=0.5	42 × 40	120	Lock Screws
C1614A(C31630)	16.0	1.4-22	C	12.70	16.91	22.48	30.72		27 P=0.5	30 × 33	58	Lock Screws
1 format												
B1214D-2(C21211)	12.5	1.4-C	C	16.21	21.53	28.51	38.65		40.5 P=0.5	42 × 50	135	Lock Screws
B1218A(C21228)	12.5	1.8-C	C	16.53	21.97	29.12	39.56		40.5 P=0.5	42 × 40	95	Lock Screws
B2514DX(C22525)	25.0	1.4-22	C	8.23	10.97	14.62	20.10		27 P=0.5	30 × 37.3	76	Lock Screws
B2518(C22516)	25.0	1.8-C	C	8.23	10.95	14.55	19.87		40.5 P=0.5	42 × 40	87	Lock Screws
B5014A(C25011)	50.0	1.4-C	C	4.13	5.50	7.32	10.04		46 P=0.75	48 × 48	180	Lock Screws
B7514C(C27509)	75.0	1.4-C	C	2.75	3.67	4.90	6.75		58 P=0.75	62 × 79	450	Lock Screws

MODEL	Focal Length (mm)	Iris Range	Mount	Magnification	Horizontal Field of View(mm)				Filter Size	Remarks
					1/4 format	1/3 format	1/2 format	2/3 format		

Machine Vision 5 Mega-Pixel Lens

C5028A-M02(C35003)	50.0	2.8-22	C	0.15-0.23	24-16	32-21	43-28	59-38	52 P=0.75	Lock Screws, 5 Mega-Pixel
C5028A-M035(C35002)	50.0	2.8-22	C	0.28-0.4	13-9	17-12	23-16	31-22	52 P=0.75	Lock Screws, 5 Mega-Pixel

MODEL	Focal Length (mm)	Iris Range	Mount	Magnification	Horizontal Field of View(mm)			Filter Size	Dimensions (D×L)W×H×L)mm	Weight(g)	Remarks
					4,096x7µm	7,450x4.7µm	4,096x10µm				

Line-Scan Lens

YF3528(C52915F)	35.0	2.8-22	F	-0.5	5(Magnification:0.5×)	7(Magnification:0.5×)	8(Magnification:0.5×)	62 P=0.75	72 × 56.8	440	Not for photographic camera
YK3528(C52915K)	35.0	2.8-22	K	-0.5	5(Magnification:0.5×)	7(Magnification:0.5×)	8(Magnification:0.5×)	62 P=0.75	72 × 57.8	440	Not for photographic camera
YF5028A-02(C52981F)	50.0	2.8-22	F	0.15-0.23	191-125	234-152	273-178	52 P=0.75	60 × 63.6	425	Not for photographic camera
YK5028A-02(C52981K)	50.0	2.8-22	K	0.15-0.23	191-125	234-152	273-178	52 P=0.75	60 × 64.6	440	Not for photographic camera
YF5028A-035(C52980F)	50.0	2.8-22	F	0.28-0.4	102-72	125-88	146-102	52 P=0.75	60 × 70.4	435	Not for photographic camera
YK5028A-035(C52980K)	50.0	2.8-22	K	0.28-0.4	102-72	125-88	146-102	52 P=0.75	60 × 71.4	450	Not for photographic camera

Item	Model Number	Remarks
Accessories		
2x Extender	2-EX(C80001)	Rear conversion lens to double the focal length.
	S2-EX(C80034)	(2-EX: For C-Mount lenses, S2-EX: For CS-Mount lenses)
Extension Tube set(Macro Ring)	EX-C6(C90100)	6 different length of rings to adjust the focal point for the close-up application.
Mount Adapter	C-CS-A(C80035)	Adapter for C-Mount lens to be used with CS-Mount camera.
Macro Focus Mount	MUM-2(C80038)	These Macro Focus Mounts extend the flange back length by 2mm by replacing the original C-Mount of lens. (MUM-2: for H1212B, C1614A and B2514D) (MUM-2M: for H1214-M, C1614-M, C2514-M, C3516-M and C5028-M)
	MUM-2M(C80057)	
Reverse Ring	RR-27(C80036)	These Reverse Rings are accessories to mount lens in reverse order magnifying objects. (RR-27: for 27mm filter size, RR-40.5: for 40.5mm filter size)
	RR-40.5(C80037)	
Dummy Lens	DM-163(C80029/C80039)	Dummy camera lens
	DM-E01(C80040)	(DM-163: Manual iris type, DM-E01: Auto iris type)
Close-up Lens/Filter		Various kinds of close-up lens and filter are available.

PENTAX®

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