

INDUSTRIAL LENS of MACHINE VISION



BORN FOR EFFICIENCY!

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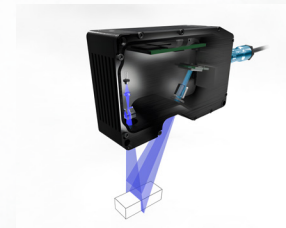
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1/1.7 inch

FA lens



Product Parameters

Product Model	EFL(mm)	Img.Circle(mm)	F#	WD Range(mm)	Optical Distortion(%)	Mount
DZO_LA0628A_1712	6	1/1.7"	F2.8-16	100-inf	-0.37%	C
DZO_LA0828A_1712	8	1/1.7"	F2.8-16	100-inf	-0.37%	C
DZO_LA1228A_1712	12	1/1.7"	F2.8-16	100-inf	-0.18%	C
DZO_LA1628A_1712	16	1/1.7"	F2.8-16	100-inf	-0.05%	C
DZO_LA2528A_1712	25	1/1.7"	F2.8-16	100-inf	0.06%	C
DZO_LA3528A_1712	35	1/1.7"	F2.8-16	200-inf	0.03%	C
DZO_LA5028A_1712	50	1/1.7"	F2.8-16	250-inf	0.09%	C

2/3 inch Standard

FA lens



Product Parameters

Product Model	EFL(mm)	Img.Circle(mm)	F#	WD Range(mm)	Optical Distortion(%)	Mount
DZO_LA0820A	8	2/3"	F2.0-16	100-inf	-1.49%	C
DZO_LA1220A	12	2/3"	F2.0-16	150-inf	-1.17%	C
DZO_LA1620A	16	2/3"	F2.0-16	150-inf	-0.01%	C
DZO_LA2520A	25	2/3"	F2.0-16	150-inf	-0.84%	C
DZO_LA3520A	35	2/3"	F2.0-16	200-inf	-0.72%	C
DZO_LA5020A	50	2/3"	F2.0-16	300-inf	0.63%	C
DZO_LA7524A	75	2/3"	F2.0-16	500-inf	0.27%	C

2/3 inch Superior

FA lens



Product Parameters

Product Model	EFL(mm)	Img.Circle(mm)	F#	WD Range(mm)	Optical Distortion(%)	Mount
DZO_LA0818A_2310	8	2/3"	F1.8-16	100-inf	-2.19%	C
DZO_LA1218A_2310	12	2/3"	F1.8-16	100-inf	-0.45%	C
DZO_LA1618A_2310	16	2/3"	F1.8-16	150-inf	-0.14%	C
DZO_LA2518A_2310	25	2/3"	F1.8-16	150-inf	-0.26%	C
DZO_LA3518A_2310	35	2/3"	F1.8-16	200-inf	-0.09%	C
DZO_LA5024A_2310	50	2/3"	F2.4-16	300-inf	0.01%	C

1.1 inch

FA lens



Product Parameters

Product Model	EFL(mm)	Img.Circle(mm)	F#	WD Range(mm)	Optical Distortion(%)	Mount
DZO_LA1224A_1120	12	1.1"	F2.4-16	100-inf	-1.22%	C
DZO_LA1624A_1120	16	1.1"	F2.4-16	100-inf	-1.06%	C
DZO_LA2524A_1120	25	1.1"	F2.4-16	150-inf	-0.44%	C
DZO_LA3524A_1120	35	1.1"	F2.4-16	150-inf	-0.38%	C
DZO_LA5024A_1120	50	1.1"	F2.4-16	250-inf	0.09%	C
DZO_LA7524A_1120	75	1.1"	F2.4-16	500-inf	0.12%	C

2/3 inch

Co-Axial Telecentric Lens

Telecentric Lens



Product Parameters

Product Model	Img. Circle(mm)	Mag.	WD(mm)	F#	O/I	Mount
TC030065A	2/3"	0.3	65	10	172.1	C
TC050065A	2/3"	0.5	65	10	174.426	C
TC080065A	2/3"	0.8	65	10	175.5	C
TC100065A	2/3"	1	65	11	166	C
DZO_TC150065A	2/3"	1.5	65	12.5	160	C
TC200065A	2/3"	2	65	13.2	166	C
TC300065A	2/3"	3	65	20.2	170.6	C
TC400065A	2/3"	4	65	17.9	191.4	C
DZO_TC500065A	2/3"	5	65	22	203	C
TC600065A	2/3"	6	65	24.6	200	C

Product Model	Img. Circle(mm)	Mag.	WD(mm)	F#	O/I	Mount
DZO_TC030110A	2/3"	0.3	110	5.6	248	C
TC050110B	2/3"	0.5	110	9.6	257.8	C
TC050110C	2/3"	0.5	110	9.6	257.8	C
TC080110B	2/3"	0.8	110	11	248.726	C
TC100110B	2/3"	1	110	11	261.526	C
TC150110A	2/3"	1.5	110	10	261.6	C
TC200110A	2/3"	2	110	12.2	265.3	C
TC300110A	2/3"	3	110	18.3	298	C
TC400110A	2/3"	4	110	22	262	C
DZO_TC500110A	2/3"	5	110	31	293	C
TC600110A	2/3"	6	110	38.7	288.1	C

1.1 inch

Co-Axial Telecentric Lens

Telecentric Lens



Product Parameters

Product Model	Img. Circle(mm)	Mag.	WD(mm)	F#	O/I	Mount
TC025150F	1.1"	0.25	150	8-22	415	C
TC0287150A1	1.1"	0.287	150	6-14	349.54	C
TC0311150F	1.1"	0.31	150	8-22	400.889	C
TC0345150A1	1.1"	0.345	150	6-14	349.72	C
TC0371150F	1.1"	0.37	150	8-22	413.068	C
TC0431150A1	1.1"	0.43	150	6-14	347.89	C
TC060080D	1.1"	0.6	80	8	250	C
TC0691150A1	1.1"	0.69	150	6-14	349.14	C
TC100150B2_18C	1.1"	1	150	6-14	349.8	C

1.2 inch

Co-Axial Telecentric Lens

Telecentric Lens



Product Parameters

Product Model		Img. Circle(mm)	Mag.	WD(mm)	F#	O/I	Mount
TC050110A1_20C	NEW	1.2"	0.5	110	8-30	274	C
TC080110A1_20C	NEW	1.2"	0.8	110	8-30	263.6	C
TC100110A1_20C	NEW	1.2"	1	110	10.5-30	259.9	C
TC150110A1_20C	NEW	1.2"	1.5	110	10-30	275.6	C
TC200110A1_20C	NEW	1.2"	2	110	10-30	287.4	C

Large Format

Co-Axial Telecentric Lens

Telecentric Lens



Product Parameters

Product Model	Img. Circle(mm)	Mag.	WD(mm)	F#	O/I	Mount
TC031250W2	Φ 30	0.31	250	8-22	582.37	M42
TC037150K	Φ 30	0.37	150	8-22	447.5	M36
TC037250W	Φ 30	0.37	250	8-22	577.31	M36
TC0393185W	Φ 28.5	0.393	185	14	450.58	M42
TC046150K	Φ 30	0.46	150	9-22	440	M36
TC046250W	Φ 30	0.46	250	9-22	580	M36
TC055150K	Φ 30	0.55	150	9-22	436.1	M36

Product Model		Img. Circle(mm)	Mag.	WD(mm)	F#	O/I	Mount
TC055250A1	NEW	Φ 30	0.55	250	9-22	455	M36
TC068150K		Φ 30	0.68	150	10-32	445	M36
TC079150K		Φ 30	0.79	150	11-32	447.7	M36
TC079230W		Φ 30	0.79	230	11-22	560	M36
TC110150k		Φ 30	1.1	150	12-44	444	M36
TC150110W		Φ 30	1.5	110	12-64	357.48	M42
TC200110W		Φ 30	2	110	13-64	395	M42
TC100142A1		Φ 33	1	142	8-22	368.8	M42/M58
TC150128A1		Φ 33	1.5	128	8-22	378.8	M42/M58
TC200115A1		Φ 33	2	115	8-22	396.3	M42/M58
TC064130A1		Φ 38	0.64	130	8-22	400	M58
TC091130A1		Φ 38	0.91	130	8-22	393.2	M58

1/2 inch

Non-Co-Axial Telecentric Lens

Telecentric Lens



Product Parameters

Product Model	Img. Circle(mm)	Mag.	WD(mm)	F#	O/I	Mount
TL080110A1_8C	NEW 1/2"	0.8	110	18	210	C
TL100110A1_8C	NEW 1/2"	1	110	20	210.5	C
TL150110A1_8C	NEW 1/2"	1.5	110	19	210	C
TL200110A1_8C	NEW 1/2"	2	110	25	216.6	C

2/3 inch

Non-Co-Axial Telecentric Lens

Telecentric Lens



Product Parameters

Product Model	Img. Circle(mm)	Mag.	WD(mm)	F#	O/I	Mount
TL030065A	2/3"	0.3	65	10	86.037	C
TL050065A	2/3"	0.5	65	10	172.026	C
TL080065A	2/3"	0.8	65	10	172	C
TL100065A	2/3"	1	65	11	162.526	C
DZO_TL150065A	2/3"	1.5	65	12.5	158	C
TL200065A	2/3"	2	65	13.2	162.5	C
TL300065A	2/3"	3	65	20.2	167.2	C

Product Model	Img. Circle(mm)	Mag.	WD(mm)	F#	O/I	Mount
TL400065A	2/3"	4	65	17.9	188	C
DZO_TL500065A	2/3"	5	65	22	288	C
TL600065A	2/3"	6	65	24.6	194.8	C
DZO_TL030110A	2/3"	0.3	110	5.6	245.5	C
TL050110C	2/3"	0.5	110	9.6	245.5	C
TL080110B	2/3"	0.8	110	11	245.5	C
TL100110B	2/3"	1	110	11	245.5	C
TL150110A	2/3"	1.5	110	10	256.4	C
TL200110A	2/3"	2	110	12.2	261	C
TL300110A	2/3"	3	110	18.3	293.2	C
TL400110A	2/3"	4	110	22	258.2	C
DZO_TL500110A	2/3"	5	110	31	288	C
TL600110A	2/3"	6	110	38.6	282.6	C

2/3 inch

Non-Co-Axial Telecentric Lens

Telecentric Lens



Product Parameters

Product Model	Img. Circle(mm)	Mag.	WD(mm)	F#	O/I	Mount
TL0143220Z	2/3"	0.143	220	8-22	419.31	C
TL017220A	2/3"	0.178	220	8-22	388.74	C
TL022220A	2/3"	0.22	220	8-22	398.39	C
TL150220A	2/3"	1.5	220	10	425	C

1.1 inch

Non-Co-Axial Telecentric Lens

Telecentric Lens



Product Parameters

Product Model	Img. Circle(mm)	Mag.	WD(mm)	F#	O/I	Mount
TL020150A	1.1"	0.2	150	8	411	C
TL020220A	1.1"	0.2	220	8-22	399.56	C
TL023220Z	1.1"	0.23	220	8-22	439.95	C
TL024185D	1.1"	0.24	185	10	447.196	C
TL025220A	1.1"	0.25	220	8-22	399.87	C
TL0275220A	1"	0.275	220	8-22	399.82	C

Product Model	Img. Circle(mm)	Mag.	WD(mm)	F#	O/I	Mount
TL0287220A	1.1"	0.287	220	8-22	339.14	C
TL032185D	1.1"	0.32	185	10	447.096	C
TL032220J	1.1"	0.32	220	8-22	445	C
TL0345220Z	1.1"	0.345	220	8-22	427.76	C
TL0345220C3	1.1"	0.345	220	6.4-22	417.945	C
TL039220Z	1.2"	0.39	220	8-22	440	C
TL060185D	1.1"	0.6	185	10	447.196	C
TL100180J	1.1"	1	180	8-22	414.28	C

1.2 inch

Non-Co-Axial Telecentric Lens

Telecentric Lens



Product Parameters

Product Model		Img. Circle(mm)	Mag.	WD(mm)	F#	O/I	Mount
TL080110A1_20C	NEW	1.2"	0.8	110	8-30	263.6	C
TL150110A1_20C	NEW	1.2"	1.5	110	10-30	275.6	C

Large Format

Non-Co-Axial Telecentric Lens

Telecentric Lens



Product Parameters

Product Model	Img. Circle(mm)	Mag.	WD(mm)	F#	O/I	Mount
TL037220W	Φ 30	0.37	220	8-22	450	M42
TL046220W	Φ 30	0.46	220	8-22	439.6	M42
TL055220W	Φ 30	0.55	220	8-22	449.3	M42
TL068220W	Φ 30	0.68	220	8-22	425	M42



Product Parameters

Product Model	Img. Circle(mm)	EFL(mm)	F#	Mag.	Mag. Range	Mount
LS25008A	Φ 29	25	F4.5-22	0.1x@243.7mm	0.04-0.15	M42
LS25020A	Φ 29	25	F4.5-22	0.2x@119.5mm	0.15-0.25	M42
LS28002A	Φ 42	29.52	F4-16	0.019x@1527.39mm	/	M58
LS28007A	Φ 42	29	F4-16	0.074x@365.3mm	0.059-0.083	M58/M72
LS4045A	Φ 31.7	39.4	F4.5-16	0.1x@412.57mm	0.04-0.2	M42
LS4028A	Φ 44	41.5	F2.8-11	0.1x@420.3mm	0.04-0.33	M42



Product Parameters

Product Model	Img. Circle(mm)	EFL(mm)	F#	Mag.	Mag. Range	Mount
LS4056A	Φ 60	41	F5.6-16	0.17x@264.5mm	0.04-0.33	M58/M72
LS4040A1	NEW Φ 58	40	F4	0.16x@273.02mm	0.15-0.175	M58/M72
LS6040A	Φ 64	60	F4-22	0.167x@404.4mm	0.04-0.33	M58/M72
LS6056A	Φ 82	61	F5.6-16	0.17x@394.5mm	0.04-0.33	M58/M72
LS8056A	Φ 64	80	F5.6-16	0.3x@322mm	0.2-0.4	M58/M72
LS9056A	Φ 64	90	F5.6-16	0.2x@516.39mm	0.15-0.3	M58/M72
LS10056A	Φ 108	100	F5.6-16	0.17x@680.9mm	0.04-0.58	M58/M72
LS12056A	Φ 86	120	F5.6-16	0.5x@335.3mm	0.37-0.65	M58/M72

16K / 3.5u

Line Scan Lens



Product Parameters

Product Model	Img. Circle(mm)	EFL(mm)	F#	Mag.	Mag. Range	Mount
LS16006APO	Φ 58	60	F4.5-16	0.06x@1058.2mm	0.04-0.075	M72
LS16010APO	Φ 58	60	F4.5-16	0.107x@581.7mm	0.078-0.0119	M72
LS80014APO	Φ 64	80	F5.6-16	0.146x@590mm	0.13-0.166	M72
LS80021APO	Φ 64	80	F5.6-16	0.21x@430mm	0.18-0.24	M72
LS160255APO-B1	Φ 63	114	F4.2-22	0.255x@518mm	0.23-0.28	M72
LS16033APO	Φ 64	116	F4.2-16	0.33x@409mm	0.31-0.36	M72
LS16042APO-B1	Φ 66	116	F4-22	0.42x@341mm	0.38-0.45	M72
LS160476APO	Φ 64	115.682	F3.8-22	0.476x@315mm	0.46-0.5	M72

16K / 5u

Line Scan Lens



Product Parameters

Product Model		Img. Circle(mm)	EFL(mm)	F#	Mag.	Mag. Range	Mount
LS9036A1	NEW	Φ 86	95	F3.6-22	0.23x	0.20-0.26	M90/M95
PLS16033APO-C1	NEW	Φ 82	135	F4.7-22	0.33x@497.5mm	0.3-0.37	M90/M95
PLS16033APO-B1		Φ 82	136	F4.2-22	0.36x@460mm	0.33-0.39	M90/M95
PLS16040APO-A1		Φ 82	136	F4.2-22	0.4x@421mm	0.34-0.45	M90/M95
PLS16042APO-C1	NEW	Φ 82	139	F4.7-22	0.42x@424.5mm	0.38-0.46	M90/M95
PLS160435APO-B2		Φ 82	140.7	F4-22	0.435x@404mm	/	M90/M95
PLS16045APO-B1		Φ 82	140.78	F5.6-22	0.45x@394mm	0.45-0.5	M90/M95
PLS16050APO-C1	NEW	Φ 82	137	F4.7-22	0.5x@369.5mm	0.46-0.54	M90/M95

Product Model		Img. Circle(mm)	EFL(mm)	F#	Mag.	Mag. Range	Mount
PLS16050APO-B1		Φ 82	140.78	F4-22	0.5x@363mm	0.472-0.54	M90/M95
PLS16060APO-C1	NEW	Φ 82	128	F4.7-22	0.6x@295.5mm	0.56-0.64	M90/M95
PLS16060APO-B1		Φ 82	129.9	F4-22	0.61x@295mm	0.578-0.647	M90/M95
PLS16070APO-B1		Φ 82	130.4	F4-22	0.71x@257mm	0.647-0.735	M90/M95
PLS16083APO-B1		Φ 82	112.8	F3.8-16	0.83x@436mm	0.79-0.88	M90/M95
PLS16100APO-B1		Φ 82	116.2	F3.8-22	1x@184mm	0.95-1.05	M90/M95
PLS16100APO-C1	NEW	Φ 82	115	F4.7-22	1x@180.5mm	0.95-1.05	M90/M95
PLS16167APO-D-2		Φ 82	126	F2.8-16	1.67x@80mm	1.6-1.77	M90/M95
PLS16200APO-A1	NEW	Φ 86	123	F2.9-16	2x@100mm	/	M90/M95
PLSC16250APO-A1	NEW	Φ 82	116	F2.83-10.38	2.5x@60mm	/	M90/M95
PLSC16333APO-A1	NEW	Φ 82	116	F2.26-9	3.33x@51mm	/	M90/M95
PLS16500APO-B1	NEW	Φ 84	112.3	F0.18-0.5	5x@40mm	/	M90/M95

Large Format Lens

Large Format Lens



Product Parameters

Product Model	Img. Circle(mm)	EFL(mm)	F#	Mag.	Mag. Range	Mount
LM2828B2	Φ 44	28.4	F2.8-22	0.033x@833mm	0-0.06	M42/F
LM3528B_F Mount	Φ 44	35	F2.8-22	0.05x@684.5mm	0-0.13x	F
LM3528B_M58	Φ 44	35	F2.8-22	0.05x@684.5mm	0-0.13x	M58
LM5022A	Φ 44	50	F2.2-16	0.1x@534mm	0-0.177x	F
LM5028A	Φ 30	50	F2.8-16	0.1x@567.4mm	0.07-0.13x	M42
LM8540A_F	Φ 38	85	F4.0-16	0.453x@169.3mm	0.364-0.687x	F/M42/M58/M72
LM9045A1	NEW Φ 67	91.64	F4.5-22	0.25x@467.4mm	0.05-0.5	M72/M90/M95
LM9056APO	Φ 67	93	F5.6-22	0.25x@423.8mm	0.2-0.3x	M72/M90/M95
DZO_LM8220A1	Φ 68	82	F2-22	2x@51.6mm	1-3.5	M72

Macro Lens

Macro Lens



Product Parameters

Product Model		Img. Circle(mm)	F#	EFL(mm)	Mag.	Mag. Range	Mount
MC5028C		Φ11	F2.8-16	50	0.2x@364.7mm	0.1-0.3x	C
MC2535B		Φ19	F3.5-16	25	0.2x@122mm	0.1-0.4x	C
MC3530B		Φ19	F3.0-16	35	0.4x@83mm	0.25-0.7x	C
MC5028B		Φ19	F2.8-16	50	0.59x@109.8mm	0.46-0.82x	C
MC7528B		Φ19	F2.8-16	75	0.37x@242mm	0.24-0.48x	C
MC2538F1_20C	NEW	Φ20	F3.8-16	25	0.25x@117.6mm	0.1-0.4x	C
MC3530F1_20C	NEW	Φ20	F3.0-16	35	0.35x@123mm	0.2-0.55x	C
MC5028D	NEW	Φ20	F2.8-16	50	0.2x@271.1mm	0.1-0.3x	C

Infrared Lens

Infrared Lens



Product Parameters

Product Model	Img. Circle(mm)	EFL(mm)	F#	Mag.	Mag. Range	Mount
IR1214A	Φ 16	12.3	F1.4-16	0.07173x@700mm	0.0121-0.0294x	C
IR2514A	Φ 16	25.3	F1.4-16	0.0504x@492mm	0.0121-0.0839x	C
IR3520A	Φ 30	35	F2-22	0.12x@278mm	0-0.2x	M42*1
IR3515A1	NEW Φ 30	38.5	F1.5-16	0.125x@300mm	0.08-0.17x	M42*1

VR Lens

VR Lens

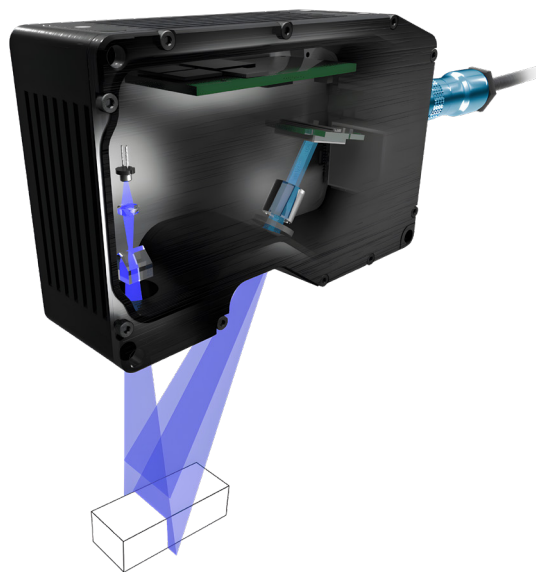


Product Parameters

Product Model	Img. Circle(mm)	EFL(mm)	F#	F- θ distortion	Mount
VRCA_190	$\Phi 14$	4.37	F2.8-11	0.30%	C、M4/3
VRCA_220	$\Phi 10$	3.54	F2.8-11	-26%	C、M4/3
FXG-FFVR220	$\Phi 24.08$	6.32	F3.5-16	0.60%	C、E

Scheimpflug Lens

Scheimpflug Lens



Product Parameters

Product Model	Img. Circle(mm)	EFL(mm)	Mag. Range	Mount
MC2535W	1.1inch	25	0.1-0.4x	M22*0.75
MC3530W	1.1inch	35	0.25-0.7x	M24*0.75
MC5028E	1.1inch	50	0.43-0.82x	M30*0.75

DZOPTICS

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