

### Model List for Wide Angle Board Lens

Model	Sensing Area	Focal Length	Back Focal Length	Flange Back Focal Length	F/#	TV Distortion (%)	Field of View (degree)			Lens Construction	Length (mm)	TTL (mm)	Diameter X Thread	Usage
	(Inch)	(mm)	(mm)	(mm)			Diagonal	Horizontal	Vertical					

**BOARD LENS: WIDE ANGLE**

V18160	1/4"	1.82	3.48	3.16	2.2	-22.8	160.5	121.0	88.0	1A/5G	10.20	13.97	M10X0.5P	CCD, Micron, Pixelplus
					In case of F/# 1.8 lens, it's made according to exclusive order, not popular sales									
V17154	1/4"	1.76	2.92	2.72	2.5	-21.96	154	120.2	88.9	1A/5G/CCF	9.92	12.64	M12X0.5P	CCD, Micron, Pixelplus
V19154	OV7950	1.93	3.34	3.19	2.2	-21.98	154.2	120	89.1	1A/5G/CCF	9.64	12.61	M12X0.5P	CMOS(OV7950)
	1/4"				2.2	-15.64	139.3	109.5	81.3					CCD, Micron, Pixelplus
V18161	1/4"	1.83	2.87	2.49	2.5	-20.9	161.3	119.8	86.9	1A/5G/CCF	13.31	15.8	M12X0.5P	CCD, Micron, Pixelplus
V1816WF	1/4"	1.81	3.39	3.13	2.4	-22.64	163.3	120.86	89.5	1A/5G/CCF	13.64	16.77	M12X0.5P	CCD, Micron, Pixelplus
V20137	1/4"	1.96	3.05	2.78	2.5	-15.19	136.9	107.8	80.00	1A/5G/CCF	10.02	12.8	M12X0.5P	CCD, Micron, Pixelplus
V2316W	1/4"	2.30	4.53	3.84	2.5	-11.8	112.9	89.8	67.2	1A/5G	12.86	16.70	M12X0.5P	CCD, Micron, Pixelplus, OV7950
	1/3"					-21.6	154.5	120.7	89.8					
V2415WF	1/4"	2.40	3.00	2.27	2.2	-10.6	108.2	86.2	64.6	1A/5G	15.51	17.78	M12X0.5P	CCD, Micron, Pixelplus, OV7950
	1/3"					-19.5	150	115.8	86.2					
V22171C	1/4"	2.17	3.87	3.41	2.4	-13.7	121.2	95.8	71.2	1A/5G/CCF	12.73	16.14	M12X0.5P	CCD, Micron, Pixelplus, OV7950
	1/3"					-23.5	171.2	130.2	95.8					
V23155C	1/4"	2.31	4.10	3.59	2.4	-9.9	112.8	89.4	66.8	1A/5G/CCF	12.86	16.45	M12X0.5P	CCD, Micron, Pixelplus, OV7950
	1/3"					-19.4	155.2	120.8	89.4					
CL17021-BW	1/4"	2.13	5.35	5.05	2.4	-14.6	123.7	98.1	73.2	1A/5G	14.99	20.04	M12X0.5P	CCD, Micron, Pixelplus
	1/3"					-22.6	170.4	132.5	98.1					
CL15623-BW	1/4"	2.27	5.78	5.48	2.4	-12.48	114.8	91.2	68.1	1A/5G	14.99	20.47	M12X0.5P	CCD, Micron, Pixelplus
	1/3"					-22.79	156	122.8	91.3					
CL16020-BW	1/4"	1.75	4.76	4.34	2.4	-23.117	159.5	122.7	90.3	1A/5G	16.16	20.50	M12X0.5P	CCD, Micron, Pixelplus