

Zoom Telecentric Lens Series

PMS-ZT0212-A

1. Object side telecentric design, no distortion within the DOF;
2. Support 1" big size sensor camera, ensure the objective side resolution with bigger FOV;
3. The conjugate distance and working distance remain the same when the magnification change;
4. Continuous telecentric zoom, any magnification between max magnification and minimum magnification is valid.



Code		PMS-ZT0212-A										
Magnification		0.21X	0.3X	0.4X	0.5X	0.6X	0.7X	0.8X	0.9X	1.0X	1.1X	1.2X
Object Dimension (mm)	1/3"	22.7×17.0	16.0×12.0	12.0×9.0	9.6×7.2	8.0×6.0	6.9×5.1	6.0×4.5	5.3×4.0	4.8×3.6	4.4×3.3	4.0×3.0
	1/2"	30.3×22.7	21.4×16.0	16.0×12.0	12.8×9.6	10.7×8.0	9.1×6.9	8.0×6.0	7.1×5.3	6.4×4.8	5.8×4.4	5.3×4.0
	1/1.8"	33.8×25.4	23.9×17.9	17.9×13.4	14.3×10.7	11.9×8.9	10.2×7.7	8.9×6.7	7.9×6.0	7.1×5.4	6.5×4.9	6.0×4.5
	2/3"	41.7×31.3	29.4×22.0	22.0×16.5	17.6×13.2	14.7×11.0	12.6×9.4	11.0×8.3	9.8×7.3	8.8×6.6	8.0×6.0	7.3×5.5
	1"	60.6×45.5	42.7×32.1	32.0×24.0	25.6×19.2	21.3×16.0	18.3×13.7	16.0×12.0	14.2×10.7	12.8×9.6	11.6×8.7	10.7×8.0
Resolution (μm)		26.91	18.35	12.89	10.64	8.86	7.29	6.25	5.56	5.21	4.89	4.85
F.No.		7.81	7.71	7.35	7.40	7.64	7.96	8.35	8.82	9.34	9.92	10.42
TV Distortion		-0.04%	0.05%	0.07%	0.06%	0.05%	0.03%	0.02%	0.01%	0.00%	-0.01%	-0.01%
Object Size Telecentricity(°)		0.02	0.02	0.01	0.01	0.01	0.01	0.02	0.07	0.12	0.18	0.23
DOF(mm)		6.99	3.43	1.84	1.18	0.85	0.65	0.52	0.44	0.37	0.32	0.29
N.A.		0.014	0.019	0.027	0.034	0.039	0.044	0.048	0.051	0.054	0.056	0.058
Working Distance(mm)		86										
Max. Sensor Size		1"										
Mount		C-Mount										
Illumination		--										
Working Temperature		-10℃~+50℃										

