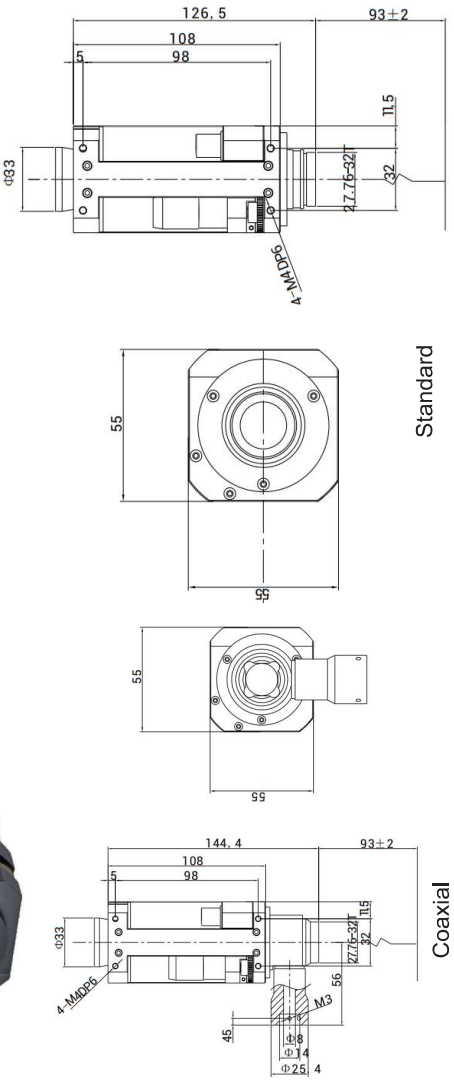


12X MOTORIZED LINEAR ZOOM LENS

12X 线性电动变焦镜头



Standard

Coaxial

SLMZ12X0672 (12X MOTORIZED LINEAR ZOOM LENSES)									
0.6X-7.2X									
Zoom range	0.60 1.0 2.0 3.0 4.0 5.0 6.0 7.2								
Magnification (X)	85 ± 2mm								
(WD)	16.8 12.0 6.1 4.8 3.9 3.4 3.05 3.05								
Resolution (µm)	3.33 1.42 0.36 0.19 0.12 0.08 0.06 0.05								
Depth of field (mm)	0.02 0.028 0.055 0.07 0.086 0.1 0.11 0.11								
NA	0.04% 0.079% 0.07% 0.064% 0.004% 0.02% 0.010% 0.005%								
Tv dist or tion	1" Sensor (Φ16)								
Format	C /F mount								
Mount	+10 - 35 °C								
Humidity	20 - 80% RH (No Condensation)								
Temperatur e									

The depth of field is calculated for a 1/2" CCD camera when the level of 320 lines is calculated (or allowed circle of confusion of imaging plane can be 40µm). Resolution is the theoretical resolution at a wavelength of 650nm. Working Distance (WD) is the maximum illumination (>50% Illumination). FOV Limited by vignetting

Field Of View

Coaxial not compatible-

Zoom lens	TV Tube 0.6x-7.2x		0.5X TVTUBE		0.67X TVTUBE		1X TVTUBE		2X TVTUBE		
	LowMag	HighMag	LowMag	HighMag	LowMag	HighMag	LowMag	HighMag	LowMag	HighMag	
0.25X Auxlens WD:263	NA	0.005	0.0275	0.005	0.0275	0.005	0.0275	0.005	0.0275	0.005	0.0275
	Pixel	2.52	5.49	3.37	7.36	5.03	10.98	5.03	10.98	10.07	21.96
	Res	67.10	12.20	67.10	12.20	67.10	12.20	67.10	12.20	67.10	12.20
	Mag	0.08	0.90	0.10	1.21	0.15	1.80	0.15	1.80	0.30	3.60
	Dof	20.0	0.8	20.0	0.8	20.0	0.8	20.0	0.8	20.0	0.8
0.5X Auxlens WD:150	NA	0.01	0.055	0.01	0.055	0.01	0.055	0.01	0.055	0.01	0.055
	Pixel	2.52	5.49	3.37	7.36	5.03	10.98	5.03	10.98	10.07	21.96
	Res	33.55	6.10	33.55	6.10	33.55	6.10	33.55	6.10	33.55	6.10
	Mag	0.15	1.80	0.20	2.41	0.30	3.60	0.30	3.60	0.60	7.20
	Dof	6.17	0.19	6.17	0.19	6.17	0.19	6.17	0.19	6.17	0.19
0.75X Auxlens WD:108	NA	0.023	0.23	0.27	0.30	0.32	0.45	0.50	0.90	10.80	
	Dof	25.5	0.09	25.5	0.09	25.5	0.09	25.5	0.09	25.5	
	1/3"	26.67	2.22	19.90	1.66	13.33	1.11	6.67	1.66	0.56	
	1/2"	35.56	2.96	26.53	2.21	17.78	1.48	8.89	0.74		
	2/3"	48.89	4.07	36.46	3.04	24.44	2.04	12.22	1.02		
None Auxlens WD:85	NA	0.015	0.0825	0.015	0.0825	0.015	0.0825	0.015	0.0825	0.015	
	Pixel	2.52	5.49	3.37	7.36	5.03	10.98	5.03	10.98	10.07	
	Res	22.37	4.07	22.37	4.07	22.37	4.07	22.37	4.07	22.37	
	Mag	0.23	2.70	0.30	3.62	0.45	5.40	0.90	10.80		
	Dof	25.5	0.09	25.5	0.09	25.5	0.09	25.5	0.09		
1.5X Auxlens WD:49	NA	0.02	0.11	0.02	0.11	0.02	0.11	0.02	0.11		
	Pixel	2.52	5.49	3.37	7.36	5.03	10.98	5.03	10.98		
	Res	16.78	3.05	16.78	3.05	16.78	3.05	16.78	3.05		
	Mag	0.30	3.60	0.40	4.82	0.60	7.20	1.20	14.40		
	Dof	1.39	0.05	1.39	0.05	1.39	0.05	1.39	0.05		
2X Auxlens WD:38	NA	0.03	0.165	0.03	0.165	0.03	0.165	0.03	0.165		
	Pixel	2.52	5.49	3.37	7.36	5.03	10.98	5.03	10.98		
	Res	11.18	2.03	11.18	2.03	11.18	2.03	11.18	2.03		
	Mag	0.45	5.40	0.60	7.24	0.90	10.80	1.80	21.60		
	Dof	0.64	0.02	0.64	0.02	0.64	0.02	0.64	0.02		
2X Auxlens WD:38	NA	0.034	0.187	0.034	0.187	0.034	0.187	0.034	0.187		
	Pixel	2.96	6.46	3.97	8.65	5.92	12.92	11.84	25.84		
	Res	9.87	1.79	9.87	1.79	9.87	1.79	9.87	1.79		
	Mag	0.60	7.20	0.80	9.65	1.20	14.40	2.40	28.80		
	Dof	0.35	0.01	0.35	0.01	0.35	0.01	0.35	0.01		
2X Auxlens WD:38	NA	0.034	0.187	0.034	0.187	0.034	0.187	0.034	0.187		
	Pixel	2.96	6.46	3.97	8.65	5.92	12.92	11.84	25.84		
	Res	9.87	1.79	9.87	1.79	9.87	1.79	9.87	1.79		
	Mag	0.60	7.20	0.80	9.65	1.20	14.40	2.40	28.80		
	Dof	0.35	0.01	0.35	0.01	0.35	0.01	0.35	0.01		