



6.5X高分辨率变倍镜头

LZH-6805-K

产品介绍

产品应用

- ◆ 专业光路设计，光学放大倍率为0.7X~4.5X，变倍比6.5:1
 - ◆ 基于1"相机，可实现大视野观测
 - ◆ 结构设计紧凑，易于集成和安装
- 可以应用在半导体、自动化、电子通讯等行业。

光学放大倍率		0.7X~4.5X								
工作距离		88±2mm								
光学倍率		0.7X	1X	1.5X	2X	2.5X	3X	3.5X	4X	4.5X
景深(mm)		2.04	1.05	0.50	0.30	0.20	0.15	0.11	0.09	0.07
N.A.		0.028	0.038	0.053	0.066	0.079	0.09	0.101	0.112	0.122
F.NO.		12.46	13.13	14.14	15.16	15.86	16.71	17.35	17.84	18.32
分辨率(μm)		11.98	8.83	6.33	5.08	4.25	3.73	3.32	3.00	2.75
TV畸变		<0.02%	<0.02%	<0.02%	<0.02%	<0.02%	<0.03%	<0.04%	<0.05%	<0.06%
视野大小 (mm)	1"	22.86×18.29 ×13.71	16.00×12.80 ×9.60	10.67×8.53 ×6.40	8.00×6.40 ×4.80	6.40×5.12 ×3.84	5.33×4.27 ×3.20	4.57×3.66 ×2.74	4.00×3.20 ×2.40	3.56×2.84 ×2.13
	2/3"	15.71×12.57 ×9.43	11×8.8 ×6.6	7.33×5.87 ×4.40	5.50×4.40 ×3.30	4.40×3.52 ×2.64	3.67×2.93 ×2.20	3.14×2.51 ×1.89	2.75×2.20 ×1.65	2.44×1.96 ×1.47
	1/2"	11.43×9.14 ×6.86	8×6.4 ×4.8	5.33×4.27 ×3.20	4.00×3.20 ×2.40	3.20×2.56 ×1.92	2.67×2.13 ×1.60	2.29×1.83 ×1.37	2.00×1.60 ×1.20	1.78×1.42 ×1.07
	1/3"	8.57×6.86 ×5.14	6×4.8 ×3.6	4.00×3.20 ×2.40	3.00×2.40 ×1.80	2.40×1.92 ×1.44	2.00×1.60 ×1.20	1.71×1.37 ×1.03	1.50×1.20 ×0.90	1.33×1.07 ×0.80
最大像面		1"								
总长(mm)		264								
变倍方式		手动&电动								
接口类型		C-Mount								

6.5X 1 " 高分辨率变倍镜头						视场角对照表											
物镜倍率	WD (mm)	NA		物方分辨率(μm)		镜筒倍率	0.5X		0.7X		1X		1.5X		2X		
		最低倍	最高倍	最低倍	最高倍		最低倍	最高倍	最低倍	最高倍	最低倍	最高倍	最低倍	最高倍			
0.25X	288	0.007	0.03X	47.93	11.18	综合放大倍率	0.0875X	0.5625X	0.1225X	0.7875X	0.175X	1.125X	0.2625X	1.6875X	0.35X	2.25X	
						景深(mm)	65.31	2.37	46.65	1.69	32.65	1.19	21.77	0.79	16.33	0.59	
						视野大小(D×H×V)(mm)	1/2"	91.4*73.1*54.9	14.2*11.4*8.5	65.3*52.2*39.2	10.2*8.1*6.1	45.7*36.6*27.4	7.1*5.7*4.3	30.5*24.4*18.3	4.7*3.8*2.8	22.9*18.3*13.7	3.6*2.8*2.1
							2/3"	-	-	89.8*71.8*53.9	14.0*11.2*8.4	62.9*50.3*37.7	9.8*7.8*5.9	41.9*33.5*25.1	6.5*5.2*3.9	31.4*25.1*18.9	4.9*3.9*2.9
							1"	-	-	-	-	91.4*73.1*54.9	14.2*11.4*8.5	61.0*48.8*36.6	9.5*7.6*5.7	45.7*36.6*27.4	7.1*5.7*4.3
							4/3"	-	-	-	-	-	-	81.1*64.9*48.7	12.6*10.1*7.6	60.9*48.7*36.5	9.5*7.6*5.7
							32 (mm)	-	-	-	-	-	-	-	-	91.4*73.1*54.9	14.2*11.4*8.5
							综合放大倍率	0.175X	1.125X	0.245X	1.575X	0.35X	2.25X	0.525X	3.375X	0.7X	4.5X
							景深(mm)	16.33	0.59	11.66	0.42	8.16	0.30	5.44	0.20	4.08	0.15
							视野大小(D×H×V)(mm)	1/2"	45.7*36.6*27.4	7.1*5.7*4.3	32.7*26.1*19.6	5.1*4.1*3.0	22.9*18.3*13.7	3.6*2.8*2.1	15.2*12.2*9.1	2.4*1.9*1.4	11.4*9.1*6.9
						2/3"		-	-	44.9*35.9*26.9	7.0*5.6*4.2	31.4*25.1*18.9	4.9*3.9*2.9	21.0*16.8*12.6	3.3*2.6*2.0	15.7*12.6*9.4	2.4*2.0*1.5
						1"		-	-	-	-	45.7*36.6*27.4	7.1*5.7*4.3	30.5*24.4*18.3	4.7*3.8*2.8	22.9*18.3*13.7	3.6*2.8*2.1
4/3"	-	-	-	-	-	-		40.6*32.5*24.3	6.3*5.0*3.8	30.4*24.3*18.3	4.7*3.8*2.8						
32 (mm)	-	-	-	-	-	-	-	-	45.7*36.6*27.4	7.1*5.7*4.3							
0.5X	145.8	0.014	0.06X	23.96	5.59	综合放大倍率	0.175X	1.125X	0.245X	1.575X	0.35X	2.25X	0.525X	3.375X	0.7X	4.5X	
						景深(mm)	16.33	0.59	11.66	0.42	8.16	0.30	5.44	0.20	4.08	0.15	
						视野大小(D×H×V)(mm)	1/2"	45.7*36.6*27.4	7.1*5.7*4.3	32.7*26.1*19.6	5.1*4.1*3.0	22.9*18.3*13.7	3.6*2.8*2.1	15.2*12.2*9.1	2.4*1.9*1.4	11.4*9.1*6.9	1.8*1.4*1.1
							2/3"	-	-	44.9*35.9*26.9	7.0*5.6*4.2	31.4*25.1*18.9	4.9*3.9*2.9	21.0*16.8*12.6	3.3*2.6*2.0	15.7*12.6*9.4	2.4*2.0*1.5
							1"	-	-	-	-	45.7*36.6*27.4	7.1*5.7*4.3	30.5*24.4*18.3	4.7*3.8*2.8	22.9*18.3*13.7	3.6*2.8*2.1
							4/3"	-	-	-	-	-	-	40.6*32.5*24.3	6.3*5.0*3.8	30.4*24.3*18.3	4.7*3.8*2.8
							32 (mm)	-	-	-	-	-	-	-	-	45.7*36.6*27.4	7.1*5.7*4.3
							综合放大倍率	0.2625X	1.6875X	0.3675X	2.3625X	0.525X	3.375X	0.7875X	5.0625X	1.05X	6.75X
							景深(mm)	7.26	0.26	5.18	0.19	3.63	0.13	2.42	0.09	1.81	0.07
							视野大小(D×H×V)(mm)	1/2"	30.5*24.4*18.3	4.7*3.8*2.8	21.8*17.4*13.1	3.4*2.7*2.0	15.2*12.2*9.1	2.4*1.9*1.4	10.2*8.1*6.1	1.6*1.3*0.9	7.6*6.1*4.6
						2/3"		-	-	29.9*23.9*18.0	4.7*3.7*2.8	21.0*16.8*12.6	3.3*2.6*2.0	14.0*11.2*8.4	2.2*1.7*1.3	10.5*8.4*6.3	1.6*1.3*1.0
						1"		-	-	-	-	30.5*24.4*18.3	4.7*3.8*2.8	20.3*16.3*12.2	3.2*2.5*1.9	15.2*12.2*9.1	2.4*1.9*1.4
4/3"	-	-	-	-	-	-		27.0*21.6*16.2	4.2*3.4*2.5	20.3*16.2*12.2	3.2*2.5*1.9						
32 (mm)	-	-	-	-	-	-	-	-	30.5*24.4*18.3	4.7*3.8*2.8							
0.75X	106	0.021	0.09X	15.98	3.73	综合放大倍率	0.2625X	1.6875X	0.3675X	2.3625X	0.525X	3.375X	0.7875X	5.0625X	1.05X	6.75X	
						景深(mm)	7.26	0.26	5.18	0.19	3.63	0.13	2.42	0.09	1.81	0.07	
						视野大小(D×H×V)(mm)	1/2"	30.5*24.4*18.3	4.7*3.8*2.8	21.8*17.4*13.1	3.4*2.7*2.0	15.2*12.2*9.1	2.4*1.9*1.4	10.2*8.1*6.1	1.6*1.3*0.9	7.6*6.1*4.6	1.2*0.9*0.7
							2/3"	-	-	29.9*23.9*18.0	4.7*3.7*2.8	21.0*16.8*12.6	3.3*2.6*2.0	14.0*11.2*8.4	2.2*1.7*1.3	10.5*8.4*6.3	1.6*1.3*1.0
							1"	-	-	-	-	30.5*24.4*18.3	4.7*3.8*2.8	20.3*16.3*12.2	3.2*2.5*1.9	15.2*12.2*9.1	2.4*1.9*1.4
							4/3"	-	-	-	-	-	-	27.0*21.6*16.2	4.2*3.4*2.5	20.3*16.2*12.2	3.2*2.5*1.9
							32 (mm)	-	-	-	-	-	-	-	-	30.5*24.4*18.3	4.7*3.8*2.8
							综合放大倍率	0.35X	2.25X	0.49X	3.15X	0.7X	4.5X	1.05X	6.75X	1.4X	9X
							景深(mm)	4.08	0.15	2.92	0.11	2.04	0.07	1.36	0.05	1.02	0.04
							视野大小(D×H×V)(mm)	1/2"	22.9*18.3*13.7	3.6*2.8*2.1	16.3*13.1*9.8	2.5*2.0*1.5	11.4*9.1*6.9	1.8*1.4*1.1	7.6*6.1*4.6	1.2*0.9*0.7	5.7*4.6*3.4
						2/3"		-	-	22.4*18.0*13.5	3.5*2.8*2.1	15.7*12.6*9.4	2.4*2.0*1.5	10.5*8.4*6.3	1.6*1.3*1.0	7.9*6.3*4.7	1.2*1.0*0.7
						1"		-	-	-	-	22.9*18.3*13.7	3.6*2.8*2.1	15.2*12.2*9.1	2.4*1.9*1.4	11.4*9.1*6.9	1.8*1.4*1.1
4/3"	-	-	-	-	-	-		20.3*16.2*12.2	3.2*2.5*1.9	15.2*12.2*9.1	2.4*1.9*1.4						
32 (mm)	-	-	-	-	-	-	-	-	22.9*18.3*13.7	3.6*2.8*2.1							
1X	88	0.028	0.12X	11.98	2.80	综合放大倍率	0.35X	2.25X	0.49X	3.15X	0.7X	4.5X	1.05X	6.75X	1.4X	9X	
						景深(mm)	4.08	0.15	2.92	0.11	2.04	0.07	1.36	0.05	1.02	0.04	
						视野大小(D×H×V)(mm)	1/2"	22.9*18.3*13.7	3.6*2.8*2.1	16.3*13.1*9.8	2.5*2.0*1.5	11.4*9.1*6.9	1.8*1.4*1.1	7.6*6.1*4.6	1.2*0.9*0.7	5.7*4.6*3.4	0.9*0.7*0.5
							2/3"	-	-	22.4*18.0*13.5	3.5*2.8*2.1	15.7*12.6*9.4	2.4*2.0*1.5	10.5*8.4*6.3	1.6*1.3*1.0	7.9*6.3*4.7	1.2*1.0*0.7
							1"	-	-	-	-	22.9*18.3*13.7	3.6*2.8*2.1	15.2*12.2*9.1	2.4*1.9*1.4	11.4*9.1*6.9	1.8*1.4*1.1
							4/3"	-	-	-	-	-	-	20.3*16.2*12.2	3.2*2.5*1.9	15.2*12.2*9.1	2.4*1.9*1.4
							32 (mm)	-	-	-	-	-	-	-	-	22.9*18.3*13.7	3.6*2.8*2.1
							综合放大倍率	0.525X	3.375X	0.735X	4.725X	1.05X	6.75X	1.575X	10.125X	2.1X	13.5X
							景深(mm)	1.81	0.07	1.30	0.05	0.91	0.03	0.60	0.02	0.45	0.02
							视野大小(D×H×V)(mm)	1/2"	15.2*12.2*9.1	2.4*1.9*1.4	10.9*8.7*6.5	1.7*1.4*1.0	7.6*6.1*4.6	1.2*0.9*0.7	5.1*4.1*3.0	0.8*0.6*0.5	3.8*3.0*2.3
						2/3"		-	-	15.0*12.0*9.0	2.3*1.9*1.4	10.5*8.4*6.3	1.6*1.3*1.0	7.0*5.6*4.2	1.1*0.9*0.7	5.2*4.2*3.1	0.8*0.7*0.5
						1"		-	-	-	-	15.2*12.2*9.1	2.4*1.9*1.4	10.2*8.1*6.1	1.6*1.3*0.9	7.6*6.1*4.6	1.2*0.9*0.7
4/3"	-	-	-	-	-	-		13.5*10.8*8.1	2.1*1.7*1.3	10.1*8.1*6.1	1.6*1.3*0.9						
32 (mm)	-	-	-	-	-	-	-	-	15.2*12.2*9.1	2.4*1.9*1.4							
1.5X	46	0.042	0.18X	7.99	1.86	综合放大倍率	0.525X	3.375X	0.735X	4.725X	1.05X	6.75X	1.575X	10.125X	2.1X	13.5X	
						景深(mm)	1.81	0.07	1.30	0.05	0.91	0.03	0.60	0.02	0.45	0.02	
						视野大小(D×H×V)(mm)	1/2"	15.2*12.2*9.1	2.4*1.9*1.4	10.9*8.7*6.5	1.7*1.4*1.0	7.6*6.1*4.6	1.2*0.9*0.7	5.1*4.1*3.0	0.8*0.6*0.5	3.8*3.0*2.3	0.6*0.5*0.4
							2/3"	-	-	15.0*12.0*9.0	2.3*1.9*1.4	10.5*8.4*6.3	1.6*1.3*1.0	7.0*5.6*4.2	1.1*0.9*0.7	5.2*4.2*3.1	0.8*0.7*0.5
							1"	-	-	-	-	15.2*12.2*9.1	2.4*1.9*1.4	10.2*8.1*6.1	1.6*1.3*0.9	7.6*6.1*4.6	1.2*0.9*0.7
							4/3"	-	-	-	-	-	-	13.5*10.8*8.1	2.1*1.7*1.3	10.1*8.1*6.1	1.6*1.3*0.9
							32 (mm)	-	-	-	-	-	-	-	-	15.2*12.2*9.1	2.4*1.9*1.4
							综合放大倍率	0.7X	4.5X	0.98X	6.3X	1.4X	9X	2.1X	13.5X	2.8X	18X
							景深(mm)	1.02	0.04	0.73	0.03	0.51	0.02	0.34	0.01	0.26	0.01
							视野大小(D×H×V)(mm)	1/2"	1.4*9.1*6.9	1.8*1.4*1.1	8.2*6.5*4.9	1.3*1.0*0.8	5.7*4.6*3.4	0.9*0.7*0.5	3.8*3.0*2.3	0.6*0.5*0.4	2.9*2.3*1.7
						2/3"		-	-	11.2*9.0*6.7	1.7*1.4*1.0	7.9*6.3*4.7	1.2*1.0*0.7	5.2*4.2*3.1	0.8*0.7*0.5	3.9*3.1*2.4	0.6*0.5*0.4
						1"		-	-	-	-	11.4*9.1*6.9	1.8*1.4*1.1	7.6*6.1*4.6	1.2*0.9*0.7	5.7*4.6*3.4	0.9*0.7*0.5
4/3"	-	-	-	-	-	-		10.1*8.1*6.1	1.6*1.3*0.9	7.6*6.1*4.6	1.2*0.9*0.7						
32 (mm)	-	-	-	-	-	-	-	-	11.4*9.1*6.9	1.8*1.4*1.1							
2X	26.8	0.056	0.24X	5.99	1.40	综合放大倍率	0.7X	4.5X	0.98X	6.3X	1.4X	9X	2.1X	13.5X	2.8X	18X	
						景深(mm)	1.02	0.04	0.73	0.03	0.51	0.02	0.34	0.01	0.26	0.01	
						视野大小(D×H×V)(mm)	1/2"	1.4*9.1*6.9	1.8*1.4*1.1	8.2*6.5*4.9	1.3*1.0*0.8	5.7*4.6*3.4	0.9*0.7*0.5	3.8*3.0*2.3	0.6*0.5*0.4	2.9*2.3*1.7	0.4*0.4*0.3
							2/3"	-	-	11.2*9.0*6.7	1.7*1.4*1.0	7.9*6.3*4.7	1.2*1.0*0.7	5.2*4.2*3.1	0.8*0.7*0.5	3.9*3.1*2.4	0.6*0.5*0.4
							1"	-	-	-	-	11.4*9.1*6.9	1.8*1.4*1.1	7.6*6.1*4.6	1.2*0.9*0.7	5.7*4.6*3.4	0.9*0.7*0.5
							4/3"	-	-	-	-	-	-	10.1*8.1*6.1	1.6*1.3*0.9	7.6*6.1*4.6	1.2*0.9*0.7
							32 (mm)	-	-	-	-	-	-	-	-	11.4*9.1*6.9	1.8*1.4*1.1
							综合放大倍率	0.7X	4.5X	0.98X	6.3X	1.4X	9X	2.1X	13.5X	2.8X	18X
							景深(mm)	1.02	0.04	0.73	0.03	0.51	0.02	0.34	0.01	0.26	0.01
							视野大小(D×H×V)(mm)	1/2"	1.4*9.1*6.9	1.8*1.4*1.1	8.2*6.5*4.9	1.3*1.0*0.8	5.7*4.6*3.4	0.9*0.7*0.5	3.8*3.0*2.3	0.6*0.5*0.4	2.9*2.3*1.7
						2/3"		-	-	11.2*9.0*6.7	1.7*1.4*1.0	7.9*6.3*4.7	1.2*1.0*0.7	5.2*4.2*3.1	0.8*0.7*0.5	3.9*3.1*2.4	0.6*0.5*0.4
						1"		-	-	-	-	11.4*9.1*6.9	1.8*1.4*1.1	7.6*6.1*4.6	1.2*0.9*0.7	5.7*4.6*3.4	0.9*0.7*0.5
4/3"	-	-	-	-	-	-		10.1*8.1*6.1	1.6*1.3*0.9	7.6*6.1*4.6	1.2*0.9*0.7						
32 (mm)	-	-	-	-	-	-	-	-	11.4*9.1*6.9	1.8*1.4*1.1							