

-
- The technical drawing illustrates the mechanical specifications of a camera lens assembly. The top view shows a circular lens element with a diameter of $\phi 70.6$. The side view provides detailed measurements for the lens barrel, including a total length of 98.5 (minimum) and various segment lengths such as 12, 5.3, 3.9, 31.3, 58.7, 82.3, and 84. Key features include the '光阑固定手柄' (Aperture Stop Fixing Handle) and '对焦固定手柄' (Focusing Fixing Handle), both requiring three evenly distributed mounting holes. A central scale indicates values: 0.12, 0.09, 0.06, 0.03, and 0.004. Other dimensions include a thread specification of M4.2xP1.0-6g, outer diameters of $\phi 55.9$, $\phi 57.2$, and $\phi 58$, and a flange thickness of 4.0.

产品规格书:

线扫镜头 20mm 低畸变 4K7 μ M42-Mount		物距 Working Distance	倍率 Optical Magnification	
型号 Model		mm	X	
像机尺寸 Max Image		Φ30	5000	-0.004X
倍率 Magnification Range		0.12X-0.004x	3000	-0.007X
焦距 Focal length		20mm	2000	-0.01X
光圈范围 F No.		F3.5-16	1500	-0.013X
最短物距 M.O.D(m)		0.15-Inf.	1000	-0.019X
控制方式 Operation	Iris	Manual 手动调整	800	-0.024X
	Focus	Manual 手动调整	600	-0.032X
视场角 FOV(D)	Φ30	75.36°	500	-0.038X
畸变 Distortion		<0.5%	400	-0.048X
接口 Mount		M42xP1.0	300	-0.063X
法兰后焦 Flange BFL		12mm	250	-0.074X
外形尺寸 Dimension		Φ70×103.8mm	220	-0.084X
滤镜尺寸 Filter Thread		M67x 0.75	200	-0.092X
工作温度 Working Temperature		-20℃ ~ +60℃	150	-0.12X