



- 独创的成像和照明光学系统设计，使它有更好的对比度和景深
- 高对比度，全程齐焦、照明均匀
- 可与CS型CCD(CMOS)摄像头、显示器、计算机连接
- 适用于电子设备、半导体、LCD、LED等领域的数码成像观察、检测和测量，特别是高、低反射率物体同时存在场合（如平面印刷，LCD缺陷）的检测
- ◆ Original image and illumination optical system design, for higher contrast and larger depth of field
- ◆ High-contrast, full parfocal, even illumination
- ◆ Available to match CS-mount CCD (CMOS) camera, monitor, computer and etc
- ◆ Applied for digital images observation, inspection and measurement on electric equipments, semiconductor, LCD, LED and etc. Specially suitable to inspect objects with high reflectivity & low reflectivity simultaneously (such as planar printed, LCD).

※ 主要优点：高对比度，高清晰度，能看清包括LCD、芯片、晶圆等几乎一切物体，特别适合于高端研究用。

技术规格 Technology Specifications

Main advantages: High contrast and high definition, It can observe almost objects such as LCD, chips, wafer and etc.. Especially fit for the high level research.

物镜连续变倍范围 / zoom range	0.7X~4.5X
变倍比 / Zoom ratio	6.4: 1
标准工作距离 / WD	103mm
照明 / Illumination	可调光高亮度长寿命LED同轴照明 Adjustable high brightness, long life LED Coaxial illumination
主机与支架配合尺寸 / Holder and Main body matching dimension	Φ45mm
接口 / Mount	标准CS接口（支承面到CCD靶面距离为12.5mm） Standard CS-mount(distance between the bearing surface and the CCD plane is 12.5mm)

光学参数 Optical Specifications

倍率 mag.	NA	景深 DOF	分辨率 Resolution	TV失真 Distortion
0.7X	0.027	2.1mm	12.4μm	0.03%
2.0X	0.062	0.32mm	5.4μm	0.08%
4.5X	0.087	0.10mm	3.9μm	0.13%

安装尺寸 / Mounting dimension: Φ45mm
最大兼容相机 / Max compatible camera: 1/2"
CCD螺纹接口 / Screw mount: 1英寸32扣
1 inch 32 button

附加物镜 Auxiliary objective	项目 Items	CCD接口 / CCD adapter					
		0.4X	0.5X	0.67X	1X	1.5X	2X
--- WD:103mm	光学放大倍率 Optical Mag.	0.28X~ 1.8X	0.35X~ 2.25X	0.469X~3X	0.7X~4.5X	1.05X~6.75X	1.4X~9X
	视场范围 FOV(mm)	12.9X17.1~ 2X2.67	10.29X13.71~ 1.6X2.13	7.7X10.2~ 1.2X1.6	5.14X6.86~ 0.8X1.07	3.43X4.57~ 0.53X0.71	2.57X3.43~ 0.4X0.53
0.7X WD:145mm	光学放大倍率 Optical Mag.	0.196X~ 1.26X	0.245X~ 1.575X	0.33X~2.11X	0.49X~ 3.15X	0.735X~ 4.725X	0.98X~ 6.3X
	视场范围 FOV(mm)	18.4X24.5~ 2.9X3.8	14.69X19.59~ 2.29 X3.05	10.9X14.5~ 1.7X2.3	7.35X9.8~ 1.14X1.52	4.9X6.53~ 0.7X1.02	3.67X4.9~ 0.57X0.76
2X WD:35mm	光学放大倍率 Optical Mag.	0.56X~ 3.6X	0.7X~4.5X	0.938X~ 6X	1.4X~ 9X	2.1X~ 13.5X	2.8X~ 18X
	视场范围 FOV(mm)	6.4X8.57~ 1X1.33	5.14X6.86~ 0.8X1.07	3.8X5.12~ 0.6X0.8	2.57X3.43~ 0.4X0.53	1.71X2.29~ 0.27X0.36	1.29X1.71~ 0.2X0.27

变倍主体连续变倍范围 Main body zoom range 0.7X~4.5X

可选附件 Optional Accessories

	CCD接头 CCD adapters	※DH-C0.4, DH-C0.5, DH-C0.67, DH-C1.0, DH-C1.5, DH-C2.0 ※1X带测微尺 CCD接头 1X CCD adapter with micrometer: CDM1.0
	载物台 Mechanical stages	S10086, S7650
	附加物镜 Auxiliary objectives	DA-W0.7、DA-W2.0
	底座 Stands	SD1-D ~ SD17-D

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