

MZDH0670 大变倍比连续变倍单筒视频显微系列

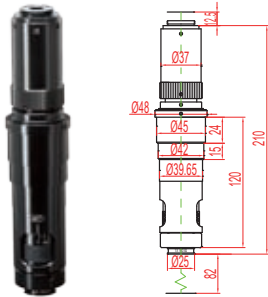
Large Magnification Ratio Zoom Monocular Video Micro Series

大变倍比
Large-scale
zoom ratio

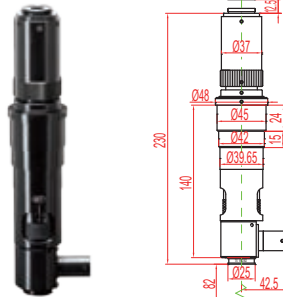
高清晰度
High
Definition

同轴照明
Coaxial
illumination

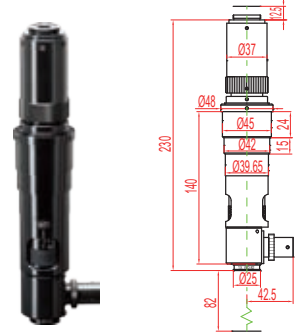
MZDH0670



MZDH0670C

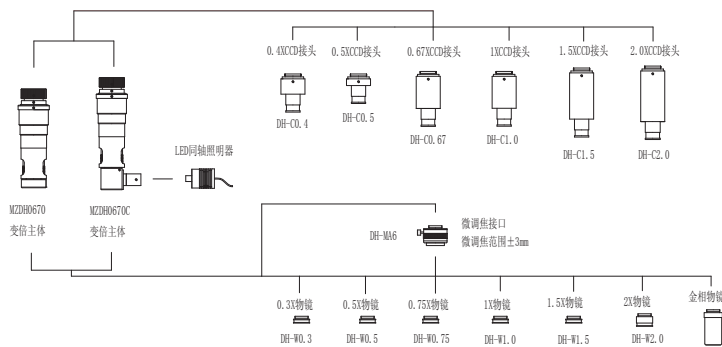


MZDH0670C-PL



- 具有较大的变倍比12:1，采用无限远光学系统设计
- 可选多种倍率CCD接头和多种倍率物镜，同轴照明、环形灯照明
- 包括MZDH0670、MZDH0670C、MZDH0670-D（外形与MZDH0670同）、MZDH0670C-D（外形与MZDH0670C同）、MZDH0670C-PL、MZDH0670-AZ
- 特别适用于电子设备、LCD、LED等领域的数码成像观察、检查和数据测量
- ◆ Large zoom ratio 12:1, infinity optical system design.
- ◆ Various CCD adapters, magnification objectives, coaxial illumination, ring illumination are available.
- ◆ MZDH0670, MZDH0670C, MZDH0670-D, MZDH0670C-D, MZDH0670C-PL, MZDH0670-AZ
- ◆ Especially suitable in electric equipments, LCD, LED and etc. for digital image observation, inspection and measurement

主机分解示意图 Main Body Diagram



可选附件 Optional Accessories

	辅助光源 Auxiliary illuminators	MLC1000, MLR25
	CCD接头 CCD adapters	0.4X, 0.5X, 0.67X, 1.0X(标准配置standard outfits), 1.5X, 2.0X
	物镜 Objectives	0.3X, 0.5X, 0.75X, 1.0X(标准配置standard outfits), 1.5X, 2.0X
	无穷远金相镜头 Infinite farness metallographic lens	Nikon, Olympus, Mitutoyo
	底座 Stands	SD1-D ~ SD17-D

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This series have obtained national patents, and protected by related national laws and regulations.

技术规格 Technology Specifications

物镜连续变倍范围 zoom range	0.58X~7.0X
变倍比 Zoom ratio	12: 1
标准工作距离 WD	82mm (1X物镜 1X Objective)
照明 Illumination	可调光高亮度长寿命LED同轴照明, 环形灯照明 Adjustable high brightness, long life LED coaxial illumination, ring illuminator
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

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

倍率 / Mag.	NA	景深 / DOF	分辨率/Resolution	TV失真 Distortion TV
0.58X	0.021	3.3mm	16.0μm	0.32%
2.0X	0.067	0.30mm	5.0μm	0.22%
4.0X	0.093	0.11mm	3.6μm	0.19%
7.0X	0.097	0.06mm	3.5μm	0.16%

物镜Objective	项目 Items	CCD接头 / CCD adapter					
		0.4X	0.5X	0.67X	1X	1.5X	2X
0.3X WD:293mm	总光学放大倍率 Total Mag.	0.07X~0.84X	0.09X~1.05X	0.12X~1.4X	0.17X~2.1X	0.26X~3.15X	0.35X~4.2X
	视场范围FOV(mm)	50X66.67~4.3X5.7	40X53.33~3.43X4.57	30X40~2.57X3.43	21.1X28.2~1.71X2.29	13.85X18.46~1.14X1.52	10.3X13.71~0.86X1.14
0.5X WD:175mm	总光学放大倍率Total Mag.	0.12X~1.4X	0.15X~1.75X	0.2X~2.34X	0.29X~3.5X	0.44X~5.25X	0.58X~7X
	视场范围FOV(mm)	30X40~2.57X3.43	24X32~2.06X2.74	18X24~1.5X2	12.4X16.5~1.03X1.37	8.2X10.91~0.69X0.91	6.2X8.3~0.51X0.69
0.75X WD:117mm	总光学放大倍率Total Mag.	0.18X~2.1X	0.22X~2.62X	0.3X~3.5X	0.44X~5.25X	0.65X~7.87X	0.87X~10.5X
	视场范围FOV(mm)	20X26.67~1.7X2.3	16X21.33~1.37 X1.83	12X16~1.03 X1.37	8.2X10.9~0.69X0.91	5.53X7.38~0.46X0.61	4.1X5.52~0.34X0.46
1X WD:82mm	总光学放大倍率Total Mag.	0.24X~2.8X	0.3X~3.5X	0.4X~4.69X	0.58X~7X	0.87X~10.5X	1.16X~14X
	视场范围FOV(mm)	15X20~1.3X1.7	12X16~1.03X1.37	9X12~0.77X1	6.2X8.3~0.51X0.69	4.1X5.52~0.34X0.46	3.1X4.1~0.26X0.34
1.5X WD:54mm	总光学放大倍率Total Mag.	0.36X~4.2X	0.45X~5.25X	0.6X~7X	0.87X~10.5X	1.30X~15.75X	1.7X~21X
	视场范围FOV(mm)	10X13.33~0.86X1.14	8X10.67~0.69X0.91	6X8~0.5X0.7	4.13X5.52~0.34X0.46	2.77X3.69~0.23X0.3	2.1X2.82~0.17X0.23
2X WD:35mm	总光学放大倍率Total Mag.	0.48X~5.6X	0.6X~7X	0.8X~9.38X	1.16X~14X	1.7X~21X	2.3X~28X
	视场范围FOV(mm)	7.5X10~0.64X0.86	6X8~0.51X0.69	4.5X6~0.38X0.51	3.1X4.1~0.26X0.34	2.1X2.82~0.18X0.23	1.57X2.09~0.13X0.17
5X WD:10.1mm	总光学放大倍率Total Mag.	1.2X~14X	1.5X~17.5X	2.0X~23.4X	2.9X~35X	4.4X~52.5X	5.8X~70X
	视场范围FOV(mm)	3X4~0.26X0.345	2.4X3.2~0.21X0.27	1.8X2.4~0.15X0.2	1.24X1.66~0.1X0.14	0.82X1.09~0.07X0.15	0.62X0.83~0.05X0.07
变倍主体连续变倍范围/Zoom body magnification range: 0.58X~7.0X							