

MV3521

MV4526

MV6035



特写环6mm

特写环12mm

特写环24mm



- 为在宽广范围中确认影像而开发
- 具有手动光圈调节和手动调焦的工业镜头
- 使用特写环可实现近摄效果，工作距离可实现无穷远至几十毫米
- 配合百万像素以上的1/3, 1/2, 2/3 C型接口工业相机，可广泛应用于监控、定位、测量、显微分析

- ◆ Designed to observe images in widely range
- ◆ Manual aperture adjustment and manual focusing
- ◆ Close-up rings for close-up photograph. The working distance: infinity to tens of millimeters
- ◆ Matched 1/3, 1/2, 2/3 C-mount million pixel industrial camera, for monitor, positioning, measurement and micro-analysis.

光学参数 Optical specifications

型号 Model	焦距 Focal distance	光圈 Aperture	放大倍数 Magnification	最近距离 Nearest distance	视野 Field of view (V×H)
MV2514	25mm	F1.4~关闭 F1.4~Close	0.057×	0.458m	15° × 20°
MV3521	35mm	F2.1~关闭 F2.1~Close	0.168×	0.245m	10.5° × 14°
MV4526	45mm	F2.6~关闭 F2.6~Close	0.134×	0.379m	8.4° × 11.2°
MV6035	60mm	F3.5~关闭 F3.5~Close	0.1×	0.661m	6.3° × 8.4°

最大兼容相机尺寸: 2/3"
Max. compatible camera: 2/3"
接头 / Mount: C-mount

注: 表中放大倍数、工作距离、视野的数据是不使用特写环时的参数。
NOTES: The data in this form is on condition that no using close-up rings.

使用特写环时 Using Close-up Rings

特写环 Close-up ring (mm)	MV2514			MV3521			MV4526			MV6035		
	放大倍数 Mag.	WD (mm)	视野 Field of view (L×W mm) 1/3" CCD	放大倍数 Mag.	WD (mm)	视野 Field of view (L×W mm) 1/3" CCD	放大倍数 Mag.	WD (mm)	视野 Field of view (L×W mm) 1/3" CCD	放大倍数 Mag.	WD (mm)	视野 Field of view (L×W mm) 1/3" CCD
0		∞			∞			∞			∞	
	0.057×	458	15.6×20.8	0.17×	245	21.2×28.2	0.13×	379	27.7×36.9	0.1×	661	36×48
6	0.057×	458	15.6×20.8	0.17×	245	21.2×28.2	0.13×	379	27.7×36.9	0.1×	661	36×48
	0.12×	231	4×5.4	0.34×	139	10.6×14.1	0.27×	212	13.3×17.8	0.2×	360	18×24
12	0.12×	231	4×5.4	0.34×	139	10.6×14.1	0.27×	212	13.3×17.8	0.2×	360	18×24
	0.18×	159		0.51×	104	7.1×9.4	0.4×	156	9×12	0.3×	260	12×16
18 (6+12)	0.18×	159		0.51×	104	7.1×9.4	0.4×	156	9×12	0.3×	260	12×16
	0.25×	124		0.67×	86	5.4×7.2	0.53×	128	6.8×9.1	0.4×	210	9×12
24	0.25×	124		0.67×	86	5.4×7.2	0.53×	128	6.8×9.1	0.4×	210	9×12
	0.31×	103		0.84×	75	4.3×5.7	0.67×	111	5.4×7.2	0.5×	179	7.2×9.6
30 (6+24)	0.31×	103					0.67×	111	5.4×7.2	0.5×	179	7.2×9.6
	0.37×	90					0.8×	100	4.5×6	0.6×	159	6×8
36 (12+24)	0.37×	90					0.8×	100	4.5×6	0.6×	159	6×8
	0.43×	80					0.94×	92	3.8×5.1	0.7×	145	5.1×6.9
42 (6+12+24)	0.43×	80								0.7×	145	5.1×6.9
	0.50×	73								0.8×	134	4.5×6

● 照明光源 / Illuminator



MLC100

LED同轴照明光源(0.1W)
LED Coaxial Illuminator



MLC100A

LED可调光同轴照明光源(0.1W)
LED Adjustable Coaxial Illuminator



MLR25

可调光LED直接环形光源
Adjustable LED Ring Illuminator



MLC1000

可调光高亮度LED光源(1W)
Adjustable, High Brightness LED Illuminator



MLC1000A

可调光高亮度LED光源 (1W)(加可调光阑)
Adjustable High Brightness LED Illuminator(with adjustable diaphragm)



MLC3000

可调光高亮度LED光源 (3W)
Adjustable High Brightness LED Illuminator



MLS39

模拟同轴落射LED光源
Analog Coaxial Epi-LED Light



MLB7721

条形LED照明光源
Bar LED Illuminator

● 接头/Adapter



CDM1.0

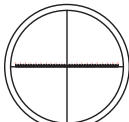
1X带测微尺CCD接头
1X CCD Adapter with micrometer

其内置格值0.1mm的测微尺，可直接测量观察物的长度。
Built-in micrometer with grid values 0.1mm, directly measuring the length of the observed

● 分划板，测微尺 / Reticle, Micrometer



CMO.1XY (Ø20)



CMO.1X (Ø24.3)



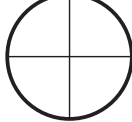
CMO.05XY (Ø18.5)



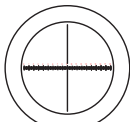
CMO.05X (Ø18.5)



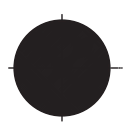
CM (Ø18.5)



CM (Ø24.3)



CMO.1X1 (Ø24.3)



CMO.2 (Ø18.5)

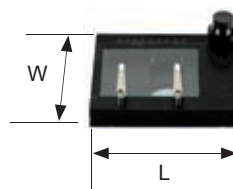


CMO.1XYR (Ø18.5)

常用型号 / Familiar Models

CM	CMO.1XY
CMO.05X	CMO.1XYR
CMO.05XY	CMO.1X1
CMO.1X	CMS0.2

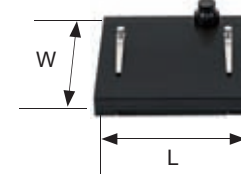
● 载物台/Stage



S7650

L=180mm
W=155mm

L向移动范围
Direction L adjustable range:76mm
W向移动范围
Direction W adjustable range:50mm



S10086

L=180mm
W=175mm

L向移动范围
Direction L adjustable range:100mm
W向移动范围
Direction W adjustable range:86mm

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This series have obtained national patents, and protected by related national laws and regulations. Patent number: ZL 2011 2 0086271.5; ZL 2010 2 0583112.1

● 部分底座组/Stand



SD1J-D

- 粗微调同轴手轮，可调整粗动调节手轮张力
- ◆ Coarse and fine coaxial hand wheel, adjustable tension of coarse knob



SD11-D

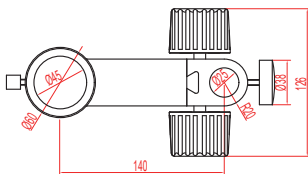
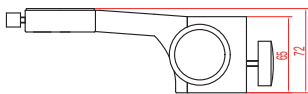
- 黑色喷塑钢板底座，稳固结实
- 可直接安装S7650机械式载物台
- ◆ Black plastic-spray steel base
- ◆ Available to match S7650 mechanical stage directly.



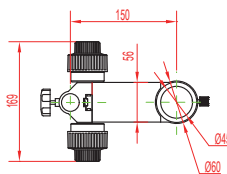
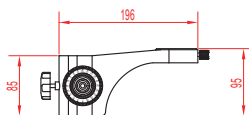
SD2-D/3W

- 上光源：可调角度、可调亮度，功率为3W的LED灯
- 下光源：可调亮度，功率为3W的LED灯
- ◆ Upper illuminator: the angle and brightness is adjustable, wattage: 3W.
- ◆ Bottom illuminator: the brightness is adjustable, wattage: 3W.

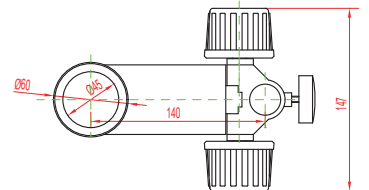
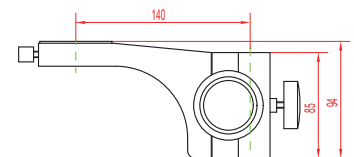
● 升降组/Holder



SF5



SF10



SF11

NOTES:

1. 底座组编号**-D，其D默认为宽56mm支架，底座组如用燕尾小支架（SF5），则编为**-D1。

2. 查询更多的附件内容，请登陆公司网站获得更多的资讯。

1. Stand serial NO. is written as **-D'(Holder default width is 56mm). If choose Small Coattail-Holder(SF5), the Serial NO. is written as **-D1'.

2. More information about accessories, please visit our website at <http://www.mto.com.cn>

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(专利号/Patent number: ZL 2010 2 0583112.1)