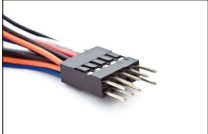


DVL Series 1.1" 1" 1/1.2" 3.45μm

支持1200万, 1.1英寸/4K 分辨率
低失真微距镜头

- 3.45μm分辨率
- 4个型号: f25. f35. f50. f75mm
- 适用于广泛应用 (短工作距离)

应用实例



连接器



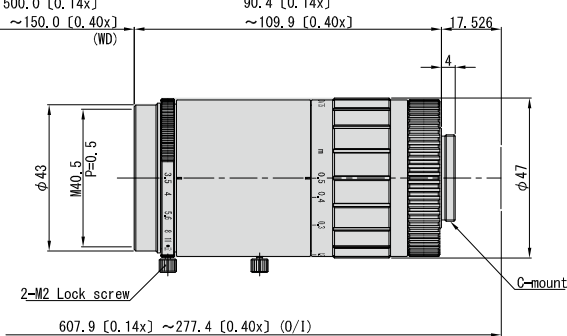
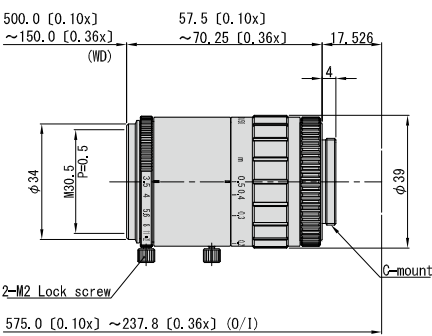
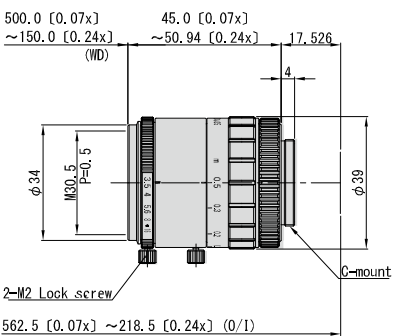
半导体



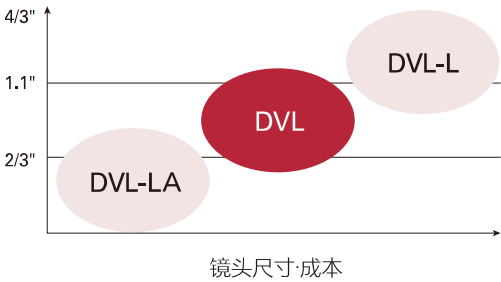
汽车零部件



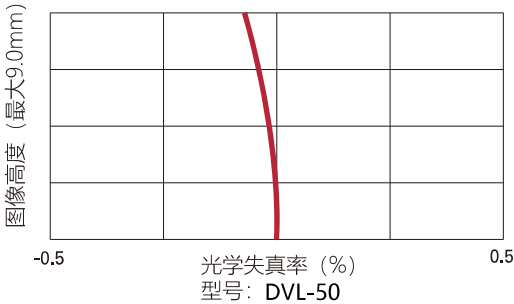
DVL-35 暂定 DVL-50 DVL-75



专门支持1200万 1.1英寸芯片



整个画面低失真设计



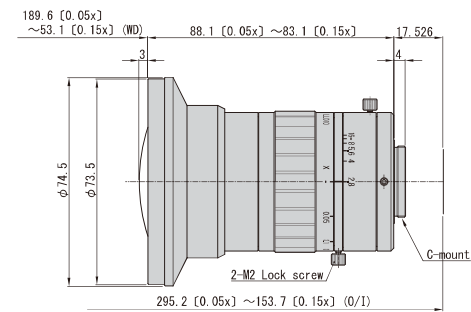
规格		DVL-35			DVL-50			DVL-75		
焦距距离 (f)mm		35			50			75		
变倍范围		x 0.07 ~ x 0.24			x 0.10 ~ x 0.36			x 0.10 ~ x 0.4		
光学倍率		x 0.07	x 0.18	x 0.24	x 0.10	x 0.26	x 0.36	x 0.14	x 0.32	x 0.4
FOV (V x H)	1.1"	147.1 x 201.4 mm	57.2 x 78.3 mm	42.9 x 58.8 mm	103.0 x 141.0 mm	39.6 x 54.2 mm	28.6 x 39.2 mm	73.6 x 100.7 mm	32.2 x 44.1 mm	25.8 x 35.3 mm
	1"	160.9 x 160.9 mm	62.6 x 62.6 mm	46.9 x 46.9 mm	112.6 x 112.6 mm	43.3 x 43.3 mm	31.3 x 31.3 mm	80.4 x 80.4 mm	35.2 x 35.2 mm	28.2 x 28.2 mm
	2/3"	101.4 x 120.0 mm	39.4 x 46.7 mm	29.6 x 35.0 mm	71.0 x 84.0 mm	27.3 x 32.3 mm	19.7 x 23.3 mm	50.7 x 60.0 mm	22.2 x 26.3 mm	17.8 x 21.0 mm
WD		500.0 mm	200.0 mm	150.0 mm	500.0 mm	200.0 mm	150.0 mm	500.0 mm	200.0 mm	150.0 mm
物像间距离O/I		562.5 mm	268.8 mm	218.5 mm	575.0 mm	283.0 mm	237.7 mm	607.9 mm	321.1 mm	277.4 mm
实效F #光圈全开		3.8	4.2	4.4	3.8	4.4	4.7	4.4	4.9	5.1
景深 允许错乱值φ 0.04mm		62.0 mm	10.4 mm	6.1 mm	30.4 mm	5.2 mm	2.9 mm	18.0 mm	3.8 mm	2.6 mm
TV失真 (1")		0.09 %	-0.04 %	-0.08 %	0.09 %	-0.02 %	-0.05 %	0.10 %	-0.08 %	-0.13 %
周边光量 (Y=8.8)		90 %	92 %	93 %	90 %	95 %	96 %	95 %	96 %	97 %
操作方法		Manual (Lock Screw M2)			Manual (Lock Screw M2)			Manual (Lock Screw M2)		
波长		Visible			Visible			Visible		
接口		C-Mount			C-Mount			C-Mount		
适合芯片		1.1"			1.1"			1.1"		
滤镜口径		M 30.5 P=0.5			M 30.5 P=0.5			M 40.5 P=0.5		
重量		- g			126 g			285 g		

DVL-L Series 4/3” 1.1” 1” 1/1.2”

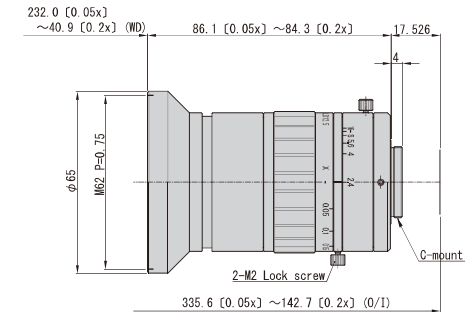
支持4/3"芯片，C接口
低失真，高解析度设计。机器视觉微距镜头。
包含9个产品系列（焦距涵盖10mm至50mm），覆盖各种视场角
在任何倍率下，浮动系统均提升了产品性能
色差校正设计



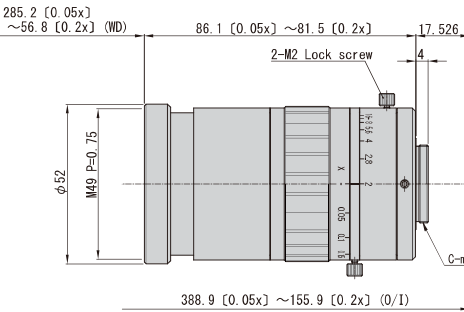
DVL-10L 浮动系统



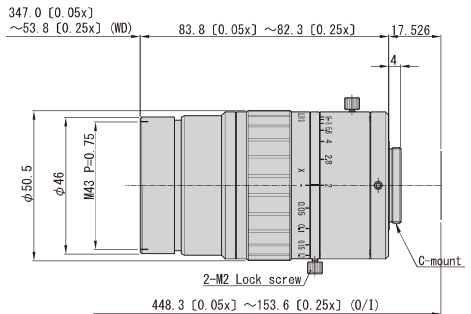
DVL-12.5L 浮动系统



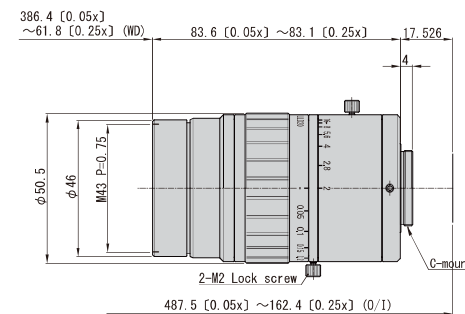
DVL-15L 浮动系统



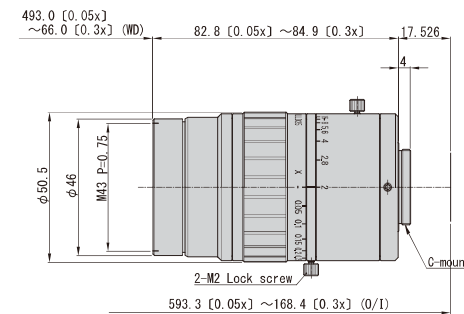
DVL-18L 浮动系统



DVL-20L 浮动系统



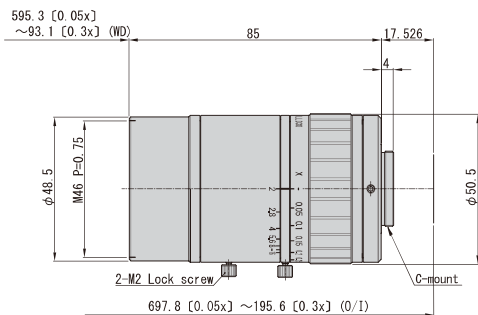
DVL-25L 浮动系统



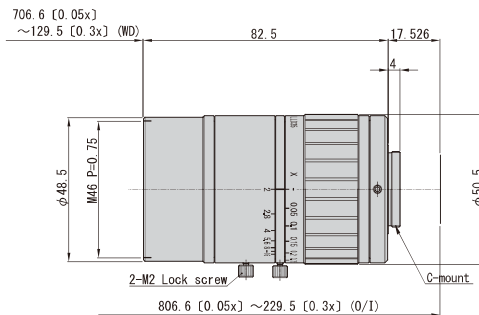
规格	DVL-10L			DVL-12.5L			DVL-15L		
焦距	10 mm			12.5 mm			15 mm		
变倍范围	(∞) x 0.05x ~ 0.15x			(∞) x 0.05x ~ 0.2x			(∞) x 0.05x ~ 0.2x		
光学倍率	0.05x	0.1x	0.15x	0.05x	0.1x	0.2x	0.05x	0.1x	0.2x
视野 (VxH)	4/3"	272.0 x 362.0 mm	136.0 x 181.0 mm	90.7 x 120.7 mm	272.0 x 362.0 mm	136.0 x 181.0 mm	68.0 x 90.5 mm	272.0 x 362.0 mm	136.0 x 181.0 mm
	1"	225.2 x 225.2 mm	112.6 x 112.6 mm	75.1 x 75.1 mm	225.2 x 225.2 mm	112.6 x 112.6 mm	56.3 x 56.3 mm	225.2 x 225.2 mm	112.6 x 112.6 mm
	2/3"	142.0 x 168.0 mm	71.0 x 84.0 mm	47.3 x 56.0 mm	142.0 x 168.0 mm	71.0 x 84.0 mm	35.5 x 42.0 mm	142.0 x 168.0 mm	71.0 x 84.0 mm
WD		189.6 mm	87.2 mm	53.1 mm	232.0 mm	104.3 mm	40.9 mm	285.2 mm	132.5 mm
物像间距离		295.2 mm	190.1 mm	153.7 mm	335.6 mm	207.2 mm	142.7 mm	388.9 mm	234.2 mm
实效F *光圈全开		2.9	3.0	3.1	2.5	2.6	2.7	2.1	2.2
TV失真		-0.33 %	-0.68 %	-0.92 %	0.33 %	0.05 %	-0.40 %	-0.14 %	-0.36 %
操作方法	Manual(Lock Screw M2)			Manual(Lock Screw M2)			Manual(Lock Screw M2)		
适合芯片	4/3"			4/3"			4/3"		
滤镜口径	—			M 62 P = 0.75			M 49 P = 0.75		
重量	450 g			380 g			330 g		

规格	DVL-18L			DVL-20L			DVL-25L		
焦距	18 mm			20 mm			25 mm		
变倍范围	(∞) x 0.05x ~ 0.25x			(∞) x 0.05x ~ 0.25x			(∞) x 0.05x ~ 0.3x		
光学倍率	0.05x	0.15x	0.25x	0.05x	0.15x	0.25x	0.05x	0.15x	0.3x
视野 (VxH)	4/3"	272.0 x 362.0 mm	90.7 x 120.7 mm	54.4 x 72.4 mm	272.0 x 362.0 mm	90.7 x 120.7 mm	54.4 x 72.4 mm	272.0 x 362.0 mm	90.7 x 120.7 mm
	1"	225.2 x 225.2 mm	75.1 x 75.1 mm	45.0 x 45.0 mm	225.2 x 225.2 mm	75.1 x 75.1 mm	45.0 x 45.0 mm	225.2 x 225.2 mm	75.1 x 75.1 mm
	2/3"	142.0 x 168.0 mm	47.3 x 56.0 mm	28.4 x 33.6 mm	142.0 x 168.0 mm	47.3 x 56.0 mm	28.4 x 33.6 mm	142.0 x 168.0 mm	47.3 x 56.0 mm
WD		347.0 mm	102.2 mm	53.8 mm	386.4 mm	115.4 mm	61.8 mm	493.0 mm	150.7 mm
物像间距离		448.3 mm	202.5 mm	153.6 mm	487.5 mm	216.1 mm	162.4 mm	593.3 mm	251.7 mm
实效F *光圈全开		2.1	2.2	2.3	2.1	2.2	2.3	2.1	2.3
TV失真		-0.28 %	-0.40 %	-0.49 %	-0.10 %	-0.22 %	-0.30 %	-0.13 %	-0.19 %
操作方法	Manual(Lock Screw M2)			Manual(Lock Screw M2)			Manual(Lock Screw M2)		
适合芯片	4/3"			4/3"			4/3"		
滤镜口径	M 43 P = 0.75			M 43 P = 0.75			M 43 P = 0.75		
重量	320 g			310 g			285 g		

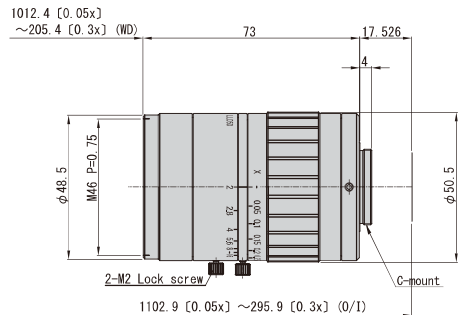
浮动系统



浮动系统

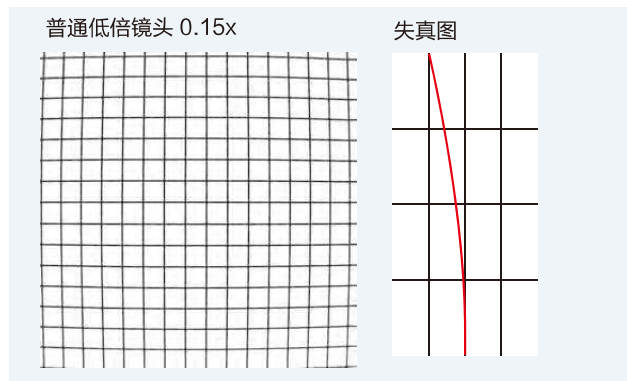
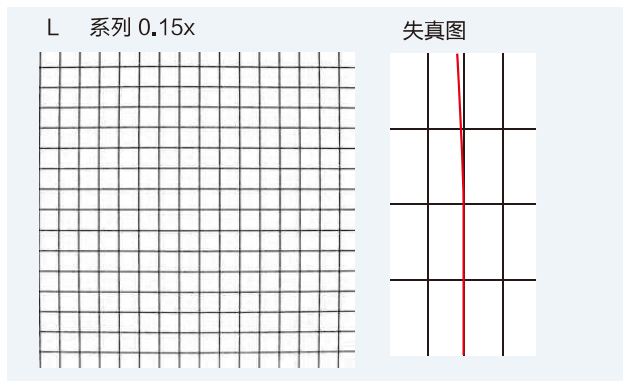


浮动系统



规格		DVL-30L				DVL-35L				DVL-50L					
焦距		30 mm				35 mm				50 mm					
变倍范围		(∞) x 0.05x ~ 0.3x				(∞) x 0.05x ~ 0.3x				(∞) x 0.05x ~ 0.3x					
光学倍率		0.05x		0.15x		0.05x		0.15x		0.05x		0.15x		0.3x	
视野 (VxH)	4/3"	272.0 x 362.0 mm	90.7 x 120.7 mm	45.3 x 60.3 mm	272.0 x 362.0 mm	90.7 x 120.7 mm	45.3 x 60.3 mm	272.0 x 362.0 mm	90.7 x 120.7 mm	45.3 x 60.3 mm	272.0 x 362.0 mm	90.7 x 120.7 mm	45.3 x 60.3 mm		
	1"	225.2 x 225.2 mm	75.1 x 75.1 mm	37.5 x 37.5 mm	225.2 x 225.2 mm	75.1 x 75.1 mm	37.5 x 37.5 mm	225.2 x 225.2 mm	75.1 x 75.1 mm	37.5 x 37.5 mm	225.2 x 225.2 mm	75.1 x 75.1 mm	37.5 x 37.5 mm		
WD	2/3"	142.0 x 168.0 mm	47.3 x 56.0 mm	23.7 x 28.0 mm	142.0 x 168.0 mm	47.3 x 56.0 mm	23.7 x 28.0 mm	142.0 x 168.0 mm	47.3 x 56.0 mm	23.7 x 28.0 mm	142.0 x 168.0 mm	47.3 x 56.0 mm	23.7 x 28.0 mm		
		595.3 mm	191.8 mm	93.1 mm	706.6 mm	239.2 mm	129.5 mm	1012.4 mm	356.5 mm	205.4 mm	1102.9 mm	356.5 mm	205.4 mm		
物像间距离		697.8 mm	294.3 mm	195.6 mm	806.6 mm	339.2 mm	229.5 mm	1102.9 mm	447.0 mm	295.9 mm					
实行F*1		2.2	2.4	2.7	2.2	2.5	3.0	2.2	2.6	3.2					
TV/失真		-0.08 %	-0.04 %	-0.04 %	-0.15 %	-0.14 %	-0.10 %	-0.01 %	-0.08 %	-0.09 %					
操作方法		Manual(Lock Screw M2)				Manual(Lock Screw M2)				Manual(Lock Screw M2)					
适合芯片		4/3"				4/3"				4/3"					
滤镜口径		M 46 P = 0.75				M 46 P = 0.75				M 46 P = 0.75					
重量		310 g				295 g				250 g					

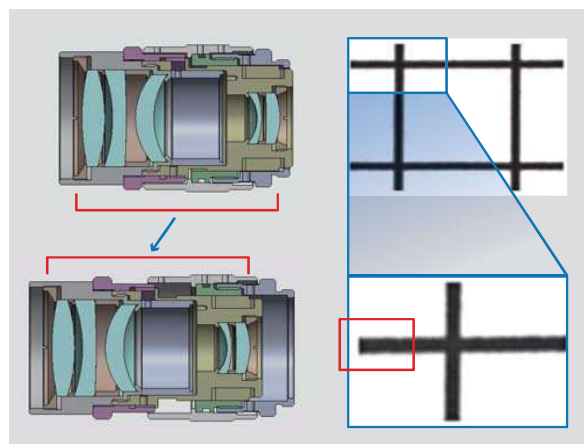
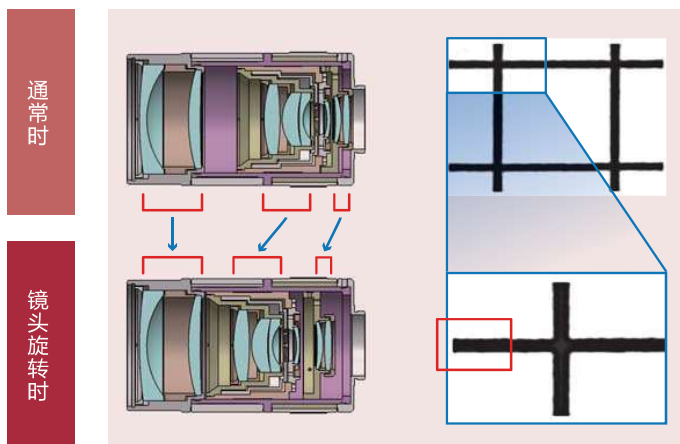
失真比较图



什么是浮动系统？

普通镜头通过移动单个镜片组而聚焦。附加的浮动镜片组（见下图）使得微距对焦的成像效果更为出众。其原因是浮动镜片组独立于对焦镜片组，实现了降低镜片组移动或延长所产生的像差的目的。由于微距镜头拥有更广的对焦距离及更大的视场角，因此浮动系统的优势体现得尤其突出。

普通镜头



DVL-LA Series

2/3" 1/1.8"

可无限成像的低失真微距镜头。
焦点距离4mm~75mm，10款镜头可供选择。
可对应不同项目的各个倍率、工作距离以及景深的要求。
无限成像的同时又可以保持畸变率趋近于0%的性能。

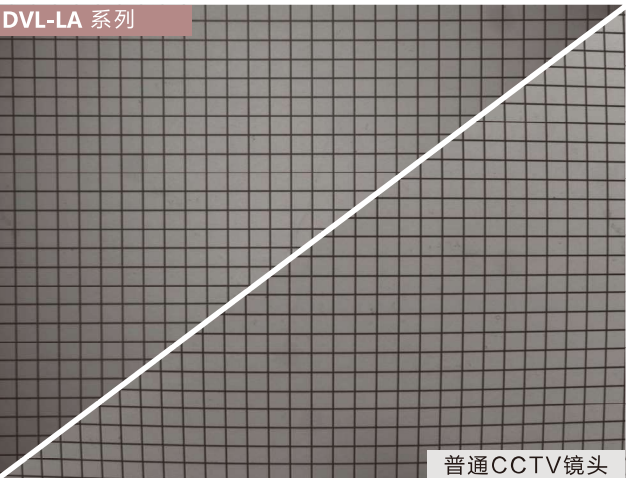


旋转延长量对比

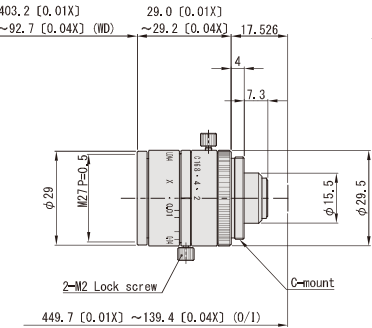
与以往的CCTV系列一样，具有变焦结构和可调光圈。
镜筒的旋转延长量大，可广范围地调整倍率与工作距离。
涵盖的全倍率低失真，周边光光亮，
可实现高对比度画像输入。



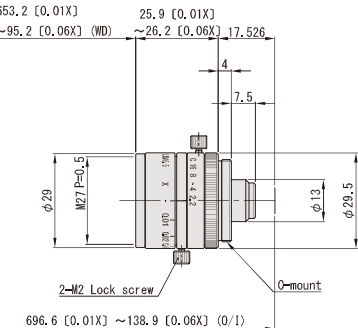
失真率对比



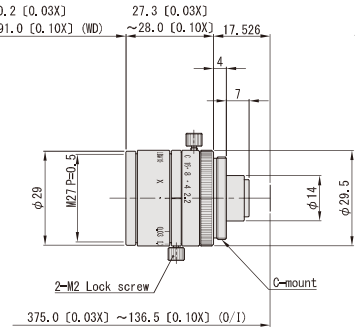
DVL-4LA



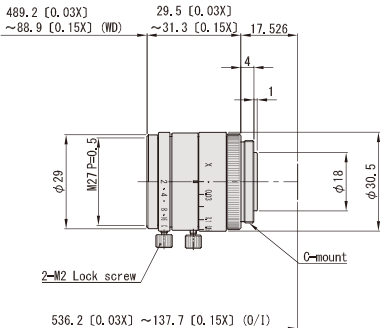
DVL-6.5LA



DVL-10LA



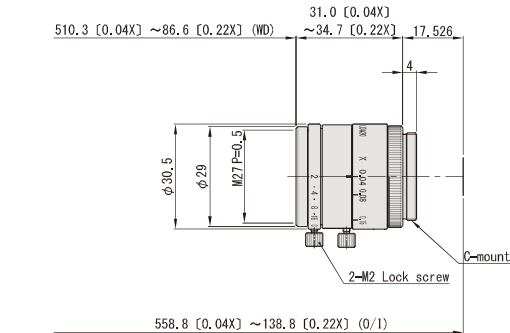
DVL-15LA



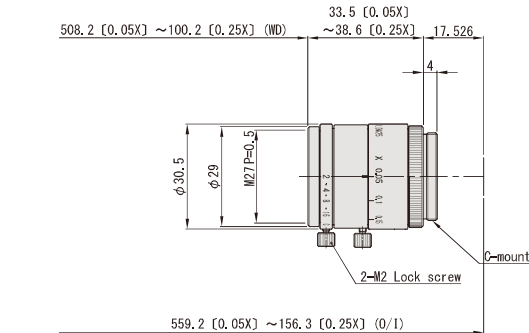
规格	DVL-4LA				DVL-6.5LA				DVL-10LA				DVL-15LA			
焦距	4				6.5				10				15			
变倍范围	(∞) x 0.01x ~ 0.04x				(∞) x 0.01x ~ 0.06x				(∞) x 0.03x ~ 0.10x				(∞) x 0.03x ~ 0.15x			
光学倍率	0.01x	0.016x	0.03x	0.04x	0.01x	0.02x	0.04x	0.06x	0.03x	0.05x	0.08x	0.10x	0.03x	0.06x	0.10x	0.15x
视野 (VxH)	2/3"	—			2/3"	—			2/3"	—			2/3"	—		
1/2"	480.0 x 640.0	300.0 x 400.0	160.0 x 213.3	120.0 x 160.0	480.0 x 640.0	240.0 x 320.0	120.0 x 160.0	80.0 x 160.7	160.0 x 213.3	96.0 x 128.0	60.0 x 80.0	48.0 x 64.0	160.0 x 213.3	80.0 x 106.7	48.0 x 64.0	32.0 x 42.7
1/3"	360.0 x 480.0	225.0 x 300.0	120.0 x 160.0	90.0 x 120.0	360.0 x 480.0	180.0 x 240.0	90.0 x 120.0	60.0 x 80.0	120.0 x 160.0	72.0 x 96.0	45.0 x 60.0	36.0 x 48.0	120.0 x 160.0	60.0 x 80.0	36.0 x 48.0	24.0 x 32.0
WD	403.2 mm	247.9 mm	127.2 mm	92.7 mm	653.2 mm	318.4 mm	151.0 mm	95.2 mm	330.2 mm	193.5 mm	116.7 mm	91.0 mm	489.2 mm	239.0 mm	138.9 mm	88.9 mm
物像间距离	449.7 mm	294.5 mm	173.9 mm	139.4 mm	696.6 mm	361.9 mm	194.6 mm	138.9 mm	375.0 mm	238.5 mm	162.0 mm	136.5 mm	536.2 mm	286.4 mm	186.9 mm	137.7 mm
实效F*光圈全开	2.1	2.1	2.1	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4	2.1	2.1	2.1	2.2
景深	1680.0mm	656.3mm	186.7mm	105.0mm	1840.0mm	460.0mm	115.0mm	51.1mm	204.4mm	73.6mm	30.0mm	19.2mm	186.7mm	46.7mm	16.8mm	7.8mm
TV失真	-0.23 %	-0.23 %	-0.24 %	-0.24 %	0.16 %	0.09 %	-0.05 %	-0.18 %	0.03 %	0.01 %	-0.02 %	-0.04 %	-0.01 %	-0.02 %	-0.05 %	-0.09 %
操作方法	Manual (Lock Screw M2)				Manual (Lock Screw M2)				Manual (Lock Screw M2)				Manual (Lock Screw M2)			
适合芯片	1/2"				1/2"				1/2"				2/3"			
滤镜口径	M 27 P = 0.5				M 27 P = 0.5				M 27 P = 0.5				M 27 P = 0.5			
重量	49 g				40 g				42 g				46 g			

Distortionless Macro Lens **DVL-LA Series**

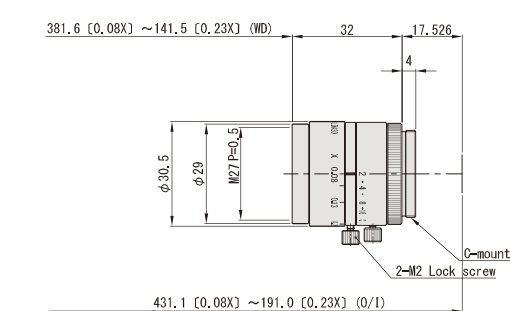
DVL-20LA



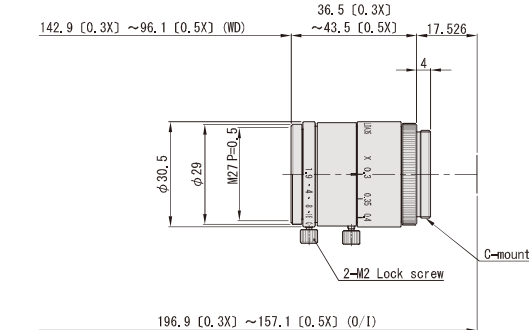
DVL-25LA



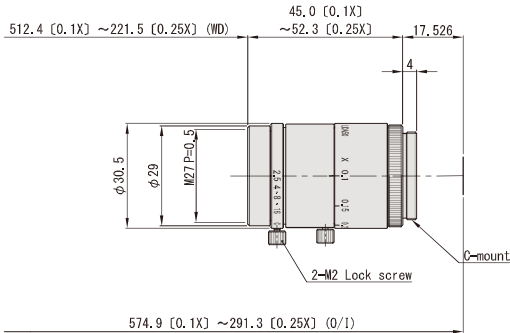
DVL-30LA



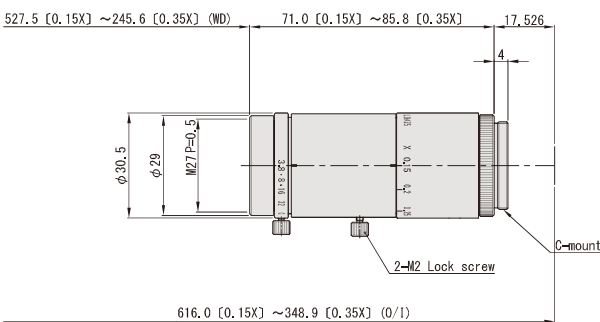
DVL-35LA



DVL-50LA



DVL-75LA



规格	DVL-20LA				DVL-25LA				DVL-30LA			
焦距	20				25				30			
变倍范围	0.04x ~ 0.22x				0.05x ~ 0.25x				0.08x ~ 0.23x			
光学倍率	0.04x	0.08x	0.15x	0.22x	0.05x	0.1x	0.20x	0.25x	0.08x	0.10x	0.20x	0.23x
视野 (VxH)	2/3"	177.5 x 210.0	88.8 x 105.0	47.3 x 56.0	32.3 x 38.2	142.0 x 168.0	71.0 x 84.0	35.5 x 42.0	28.4 x 33.6	88.8 x 105.0	71.0 x 84.0	35.5 x 42.0
	1/2"	120.0 x 160.0	60.0 x 80.0	32.0 x 42.7	21.8 x 29.1	96.0 x 128.0	48.0 x 64.0	24.0 x 32.0	19.2 x 25.6	60.0 x 80.0	48.0 x 64.0	24.0 x 32.0
	1/3"	90.0 x 120.0	45.0 x 60.0	24.0 x 32.0	16.4 x 21.8	72.0 x 96.0	36.0 x 48.0	18.0 x 24.0	14.4 x 19.2	45.0 x 60.0	36.0 x 48.0	18.0 x 24.0
WD	510.3 mm	251.3 mm	130.5 mm	86.6 mm	508.2 mm	253.2 mm	125.7 mm	100.2 mm	381.6 mm	307.2 mm	160.2 mm	141.5 mm
物像间距离	558.8 mm	300.6 mm	181.3 mm	138.8 mm	559.2 mm	305.5 mm	180.5 mm	156.3 mm	431.1 mm	356.7 mm	208.7 mm	191.0 mm
实效F *光圈全开	2.1	2.2	2.3	2.3	2.1	2.2	2.4	2.6	2.4	2.4	2.7	2.8
景深	105.0mm	27.5mm	8.2mm	3.8mm	67.2mm	17.6mm	4.8mm	3.3mm	30.0mm	19.2mm	11.8mm	5.4mm
TV失真	-0.01 %	-0.05 %	-0.12 %	-0.17 %	0.06 %	0.02 %	-0.04 %	-0.06 %	0.08 %	0.05 %	-0.04 %	-0.06 %
操作方法	Manual (Lock Screw M2)				Manual (Lock Screw M2)				Manual (Lock Screw M2)			
适合芯片	2/3"				2/3"				2/3"			
滤镜口径	M 27 P = 0.5				M 27 P = 0.5				M 27 P = 0.5			
重量	47g				49 g				47 g			

规格	DVL-35LA				DVL-50LA				DVL-75LA			
焦距	35				50				75			
变倍范围	0.3x ~ 0.5x				0.1x ~ 0.25x				0.15x ~ 0.35x			
光学倍率	0.30x	0.35x	0.40x	0.50x	0.10x	0.15x	0.20x	0.25x	0.15x	0.20x	0.30x	0.35x
视野 (VxH)	2/3"	23.7 x 28.0	20.3 x 24.0	17.8 x 21.0	14.2 x 16.8	71.0 x 84.0	47.3 x 56.0	35.5 x 42.0	28.4 x 33.6	47.3 x 56.0	35.5 x 42.0	26.3 x 28.0
	1/2"	16.0 x 21.3	13.7 x 18.3	12.0 x 16.0	9.6 x 12.8	48.0 x 64.0	32.0 x 42.7	24.0 x 32.0	19.2 x 25.6	32.0 x 42.7	24.0 x 32.0	13.7 x 18.3
	1/3"	12.0 x 16.0	10.3 x 13.7	9.0 x 12.0	7.2 x 9.6	36.0 x 48.0	24.0 x 32.0	18.0 x 24.0	14.4 x 19.2	24.0 x 32.0	18.0 x 24.0	10.3 x 13.7
WD	142.9 mm	126.2 mm	113.7 mm	96.1 mm	512.4 mm	350.8 mm	270.0 mm	221.5 mm	527.5 mm	404.2 mm	280.9 mm	245.6 mm
物像间距离	196.9 mm	182.0 mm	171.2 mm	157.1 mm	574.9 mm	415.7 mm	337.4 mm	291.3 mm	616.0 mm	496.4 mm	380.5 mm	348.9 mm
实效F *光圈全开	2.5	2.6	2.7	2.9	2.7	2.8	2.9	3.1	4.1	4.2	4.4	4.5
景深	2.2 mm	1.7 mm	1.4 mm	0.9 mm	21.6mm	10.0mm	5.9mm	3.9mm	14.6mm	8.4mm	3.9mm	2.9mm
TV失真	0.02 %	0.01 %	0.01 %	0.00 %	0.03 %	0.02 %	0.01 %	0.00 %	0.03 %	0.02 %	0.00 %	-0.01 %
操作方法	Manual (Lock Screw M2)				Manual (Lock Screw M2)				Manual (Lock Screw M2)			
适合芯片	2/3"				2/3"				2/3"			
滤镜口径	M 27 P = 0.5				M 27 P = 0.5				M 27 P = 0.5			
重量	58 g				76 g				92 g			

Distortionless Macro Lens **DVL-LA Series**

■ 接环・倍率表

接环 mm	型号 焦点距离 对焦	DVL-4LA	DVL-6.5LA	DVL-10LA	DVL-15LA	DVL-20LA	DVL-25LA	DVL-30LA	DVL-35LA	DVL-50LA	DVL-75LA										
		f4	f6.5	f10	f15	f20	f25	f30	f35	f50	f75										
		400~90mm	650~95mm	330~90mm	500~90mm	500~90mm	500~100mm	400~150mm	150~100mm	500~200mm	530~250mm										
0	WD	403.2	92.7	653.2	95.2	330.2	91.0	489.2	88.9	510.3	86.6	508.2	100.2	381.6	141.5	142.9	96.1	512.4	221.5	527.5	245.6
	1/2"	480,0x640,0	120,0x160,0	480,0x640,0	80,0x106,7	160,0x213,3	48,0x64,0	160,0x213,3	32,0x42,7	120,0x160,0	21,8x29,1	96,0x128,0	19,2x25,6	60,0x80,0	20,9x27,8	16,0x21,3	9,6x12,8	48,0x64,0	19,2x25,6	32,0x42,7	13,7x18,3
	1/3"	360,0x480,0	90,0x120,0	360,0x480,0	60,0x80,0	120,0x160,0	36,0x48,0	120,0x160,0	24,0x32,0	90,0x120,0	16,4x21,8	72,0x96,0	14,4x19,2	45,0x60,0	15,7x20,9	12,0x16,0	7,2x9,6	36,0x48,0	14,4x19,2	24,0x32,0	10,3x13,7
	倍率	0.010x	0.040x	0.010x	0.060x	0.030x	0.100x	0.030x	0.150x	0.040x	0.220x	0.050x	0.250x	0.080x	0.230x	0.300x	0.500x	0.100x	0.250x	0.150x	0.350x
0.5	WD			62.4	33.2	118.3	57.3	227.1	70.8	316.1	77.3	362.5	92.7	315.8	135.0	137.6	94.2	468.3	214.1	505.5	241.5
	1/2"			56.5x75.3	35.6x47.4	60.8x81.0	32.2x43.0	76.2x101.6	26.2x35.0	75.0x100.0	19.7x26.2	68.6x91.4	17.8x23.7	49.5x66.0	19.4x25.9	15.3x20.4	9.3x12.5	43.6x58.2	18.5x24.6	30.6x40.8	13.4x17.9
	1/3"			42.4x56.5	26.7x35.6	45.6x60.8	24.2x32.2	57.1x76.2	19.7x26.2	56.3x75.0	14.8x19.7	51.4x68.6	13.3x17.8	37.1x49.5	14.6x19.4	11.5x15.3	7.0x9.3	32.7x43.6	13.8x18.5	22.9x30.6	10.1x13.4
	倍率			0.085x	0.135x	0.079x	0.149x	0.063x	0.183x	0.064x	0.244x	0.070x	0.270x	0.097x	0.247x	0.314x	0.514x	0.110x	0.260x	0.157x	0.357x
1	WD					68.6	40.3	143.6	58.0	227.8	69.7	284.7	86.5	272.0	125.1	132.6	92.3	428.3	206.5	485.3	237.5
	1/2"					88,0x88,0	56,9x56,9	116,1x116,1	51,9x51,9	128,0x128,0	42,0x42,0	126,5x126,5	39,0x39,0	99,6x99,6	42,8x42,8	34,2x34,2	21,3x21,3	93,1x93,1	41,5x41,5	68,7x68,7	30,9x30,9
	1/3"					55,5x65,6	35,9x42,4	73,2x86,6	32,7x38,7	80,7x95,5	26,5x31,3	79,8x94,4	24,6x29,1	62,8x74,3	27,0x31,9	21,6x25,5	13,4x15,9	58,7x69,4	26,2x31,0	43,3x51,2	19,5x23,1
	倍率					0.128x	0.198x	0.097x	0.217x	0.088x	0.268x	0.089x	0.289x	0.113x	0.263x	0.329x	0.529x	0.121x	0.271x	0.164x	0.364x
1.5	WD					46.8	30.2	104.3	48.9	177.4	63.4	232.1	80.7	237.3	125.1	128.2	90.6	397.7	200.1	469.4	234.2
	1/2"					27,3x36,4	19,5x26,0	36,9x49,2	19,2x25,6	42,9x57,1	16,4x21,9	44,0x58,7	15,5x20,7	36,9x49,2	17,1x22,9	14,0x18,7	8,8x11,8	36,6x48,9	17,1x22,8	28,2x37,6	13,0x17,3
	1/3"					20,5x27,3	14,6x19,5	27,7x36,9	14,4x19,2	32,1x42,9	12,3x16,4	33,0x44,0	11,7x15,5	27,7x36,9	12,9x17,1	10,5x14,0	6,6x8,8	27,5x36,6	12,8x17,1	21,2x28,2	9,7x13,0
	倍率					0.176x	0.246x	0.130x	0.250x	0.112x	0.292x	0.109x	0.309x	0.130x	0.280x	0.343x	0.543x	0.131x	0.281x	0.170x	0.370x
2	WD							80.9	41.9	143.6	57.8	197.4	76.0	210.6	112.1	124.2	89.0	371.5	194.2	452.2	230.5
	1/2"							69.1x69.1	39.8x39.8	82.2x82.2	35.5x35.5	88.0x88.0	34.3x34.3	76.6x76.6	37.9x37.9	31.5x31.5	20.2x20.2	79.9x79.9	38.7x38.7	63.6x63.6	29.9x29.9
	1/3"							43.6x51.5	25.1x29.7	51.8x61.3	22.4x26.5	55.5x65.6	21.6x25.6	48.3x57.1	23.9x28.3	19.9x23.5	12.7x15.1	50.4x59.6	24.4x28.9	40.1x47.5	18.8x22.3
	倍率							0.163x	0.283x	0.137x	0.317x	0.128x	0.328x	0.147x	0.297x	0.357x	0.557x	0.141x	0.291x	0.177x	0.377x
5	WD									66.1	37.4	101.9	55.4	128.0	86.6	105.2	80.6	266.4	165.0	373.6	211.2
	1/2"									17.1x22.8	10.4x13.9	19.5x26.0	10.8x14.3	19.4x25.9	12.1x16.1	10.8x14.4	7.5x10.0	23.6x31.5	13.6x18.1	22.0x29.4	11.5x15.3
	1/3"									12.8x17.1	7.8x10.4	14.6x19.5	8.1x10.8	14.6x19.4	9.1x12.1	8.1x10.8	5.6x7.5	17.7x23.6	10.2x13.6	16.5x22.0	8.8x11.5
	倍率									0.281x	0.461x	0.246x	0.446x	0.247x	0.397x	0.443x	0.643x	0.203x	0.353x	0.218x	0.418x
10	WD											55.9	37.9	79.2	64.3	86.0	70.7	186.1	133.9	293.8	186.8
	1/2"											25.5x25.5	17.5x17.5	27.3x27.3	20.0x20.0	19.2x19.2	14.3x14.3	36.8x36.8	24.7x24.7	39.5x39.5	23.2x23.2
	1/3"											16.1x19.0	11.1x13.1	17.2x20.3	12.6x14.9	12.1x14.4	9.0x10.7	23.2x27.5	15.6x18.4	24.9x29.5	14.6x17.3
	倍率											0.442x	0.642x	0.413x	0.563x	0.585x	0.785x	0.306x	0.456x	0.285x	0.485x
15	WD													58.3	52.1	74.2	63.8	146.2	114.4	243.8	168.0
	1/2"													8.3x11.0	6.6x8.8	6.6x8.8	5.2x6.9	11.7x15.6	8.6x11.4	13.6x18.1	8.7x11.6
	1/3"													6.2x8.3	4.9x6.6	4.9x6.6	3.9x5.2	8.8x11.7	6.4x8.6	10.2x13.6	6.5x8.7
	倍率													0.580x	0.730x	0.728x	0.928x	0.409x	0.559x	0.353x	0.553x
20	WD													46.7	44.5	66.3	58.8	122.1	100.7	210.4	153.6
	1/2"													6.4x8.6	5.4x7.1	5.5x7.3	4.5x6.0	9.4x12.5	7.2x9.7	11.4x15.2	7.7x10.3
	1/3"													4.8x6.4	4.0x5.4	4.1x5.5	3.4x4.5	7.0x9.4	5.4x7.2	8.6x11.4	5.8x7.7
	倍率													0.747x	0.897x	0.871x	1.071x	0.513x	0.663x	0.420x	0.620x
25	WD													39.4	39.3	60.6	54.9	106.3	90.9	185.8	141.8
	1/2"													5.3x7.0	4.5x6.0	4.7x6.3	4.0x5.3	7.8x10.4	6.3x8.4	9.8x13.1	7.0x9.3
	1/3"													3.9x5.3	3.4x4.5	3.6x4.7	3.0x4.0	5.8x7.8	4.7x6.3	7.4x9.8	5.2x7.0
	倍率													0.913x	1.063x	1.014x	1.214x	0.616x	0.766x	0.488x	0.688x
30	WD													34.3	35.4	56.4	51.9	95.1	83.4	167.3	132.1
	1/2"													4.4x5.9	3.9x5.2	4.2x5.5	3.5x4.7	6.7x8.9	5.5x7.4	8.6x11.5	6.3x8.5
	1/3"													3.3x4.4	2.9x3.9	3.1x4.2	2.7x3.5	5.0x6.7	4.1x5.5	6.5x8.6	4.8x6.3
	倍率													1.080x	1.230x	1.156x	1.356x	0.719x	0.869x	0.556x	0.756x
35	WD													30.6	32.5	53.0	49.4	86.6	77.5	153.0	124.1
	1/2"													3.8x5.1	3.4x4.6	3.7x4.9	3.2x4.3	5.8x7.8	4.9x6.6	7.7x10.3	5.8x7.8
	1/3"													2.9x3.8	2.6x3.4	2.8x3.7	2.4x3.2	4.4x5.8	3.7x4.9	5.8x7.7	4.4x5.8
	倍率													1.247x	1.397x	1.299x	1.499x	0.822x	0.972x	0.623x	0.823x
40	WD															50.4	47.4	80.0	72.7	141.3	117.3
	1/2"															3.3x4.4	2.9x3.9	5.2x6.9	4.5x6.0	6.9x9.3	5.4x7.2
	1/3"															2.5x3.3	2.2x2.9	3.9x5.2	3.3x4.5	5.2x6.9	4.0x5.4
	倍率															1.442x	1.642x	0.925x	1.075x	0.691x	0.891x
45	WD															48.2	45.7	74.8	68.8	131.8	111.5
	1/2"															3.0x4.0	2.7x3.6	4.7x6.2	4.1x5.4	6.3x8.4	5.0x6.7
	1/3"															2.3x3.0	2.0x2.7	3.5x4.7	3.1x4.1	4.7x6.3	3.8x5.0
	倍率															1.584x	1.784x	1.028x	1.178x	0.758x	0.958x
50	WD															46.4	44.2	70.5	65.5	123.8	106.4
	1/2"															2.8x3.7	2.5x3.3	4.2x5.7	3.7x5.0	5.8x7.7	4.7x6.2
	1/3"															2.1x2.					

接环 mm	型号	DVL-LA ○○	
	焦点距离 f ()	f ()	
5	对焦	0.5m ~ ∞	
	WD	103	1

DVL-MC Series

2/3" 1/1.8"



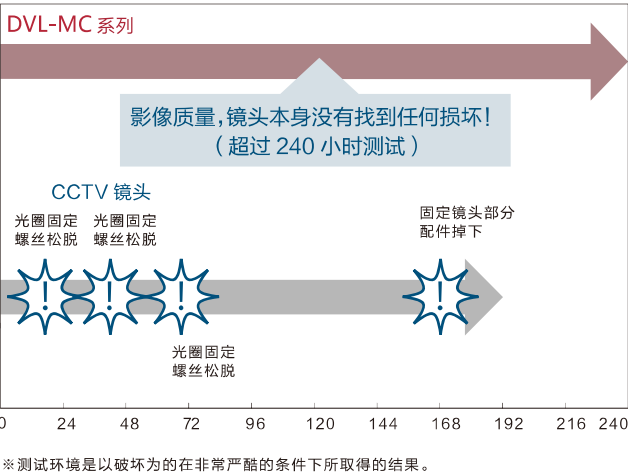
型号齐全。焦距4mm~75mm，拥有高倍微距镜头，共10个型号。
专业耐振设计，没有固定螺丝，可在狭小空间使用。
全系列都为固定光圈，
标准固定光圈：全开、FNO5.6、FNO8.0
(可定制光圈生产)。

在高速震动机器测试结果

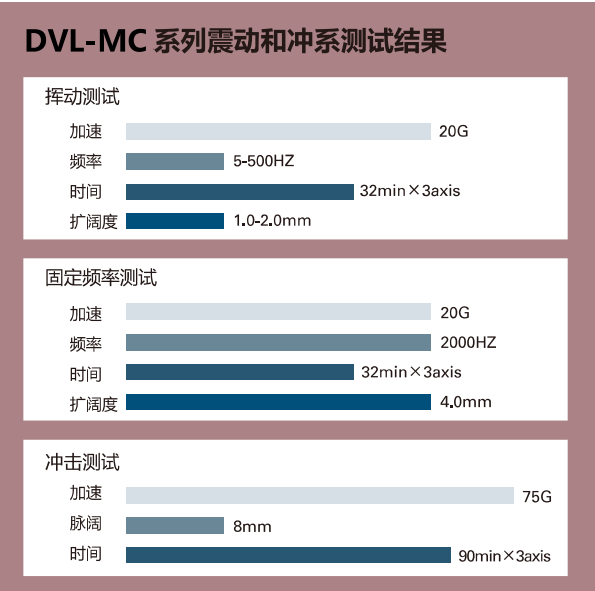
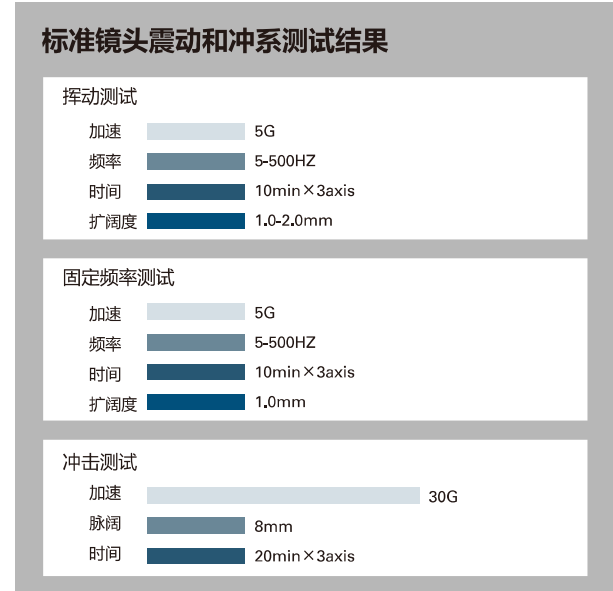
条件：加速度 = 57.7m/s2 (*1G=9.8m/s2)
制御周波数 = 9.9Hz ~ 1000Hzの推移 (约3秒间隔)

大幅增强了耐振性能

MC系列的景象锁定系统，是由传统的固定螺丝改变到表面固定环。此外，内部性能是针对高级耐振而设。MC系列比传统CCTV镜头更能抵抗强烈振动。

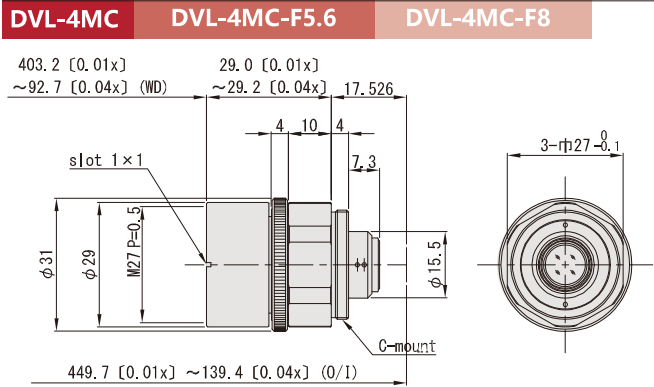


六角形本体令到就算每一个人都可以正确地, 更加容易用扳手或是扭矩扳手去跟相机锁好. 使用扭矩扳手可以很精准把相机跟镜头连在一起. 以后要在视觉系统覆制同样的紧致, DVL-MC 系列是可以做到.

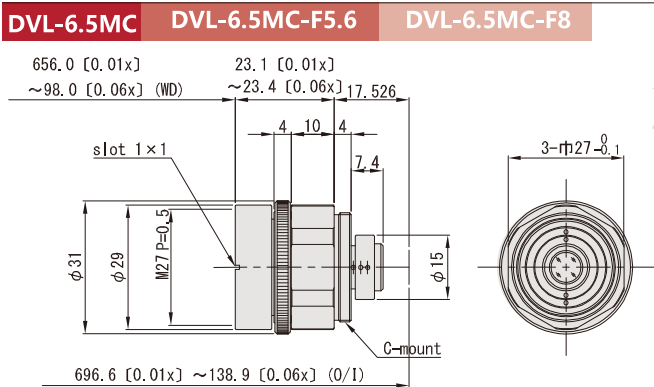


Machine Vision Macro Lens **DVL-MC Series**

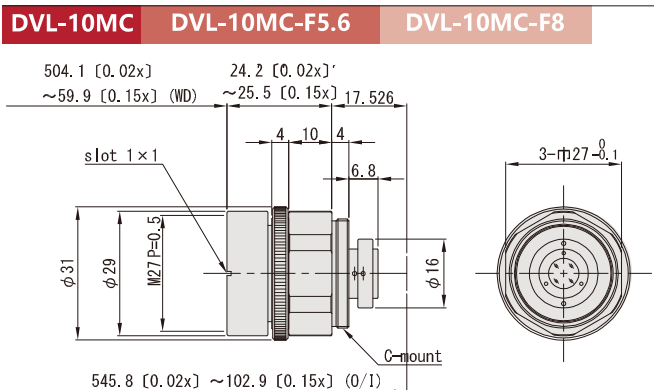
■ 耐振式可变倍率系列（ FNO开放 · FNO5.6 · FNO8 可供选择）



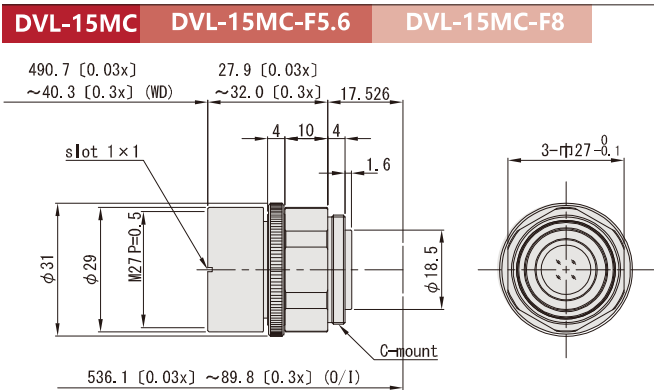
DVL-4MC			
焦点距离 (f) mm	4 mm (4.14)		
最大口径比	1: 2.0		
变倍范围	(∞) $\times 0.01$ ~ $\times 0.04$		
光学倍率	$\times 0.01$	$\times 0.02$	$\times 0.04$
视野 (VxH)	2/3"	-	
	1/2"	480.0 $\times$ 640.0 mm	240.0 $\times$ 320.0 mm
	1/3"	360.0 $\times$ 480.0 mm	180.0 $\times$ 240.0 mm
WD	403.2 mm	196.2 mm	92.7 mm
物像间距离	449.7 mm	242.8 mm	139.4 mm
实效 F	DVL-4MC FNO: 2	2.1	2.1
	DVL-4MC-F5.6 FNO: 5.6	5.7	5.8
	DVL-4MC-F8 FNO: 8	8.1	8.3
TV失真 (1/2")	-0.23 %	-0.23 %	-0.24 %
适合芯片	1/2"		
滤镜口径	M 27 P= 0.5		
重量	44		



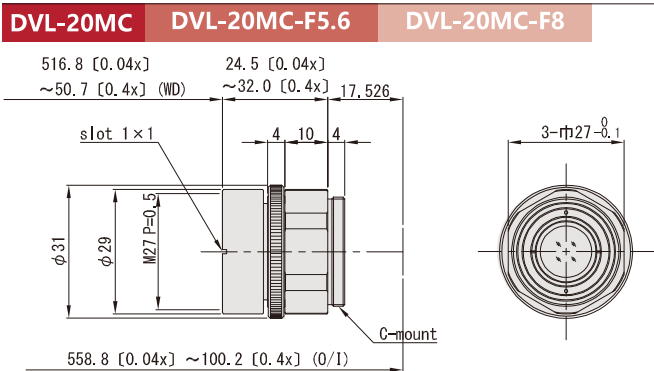
DVL-6.5MC			
焦点距离 (f) mm	6.5 mm (6.7)		
最大口径比	1: 2.2		
变倍范围	(∞) $\times 0.01$ ~ $\times 0.06$		
光学倍率	$\times 0.01$	$\times 0.03$	$\times 0.06$
视野 (VxH)	2/3"	-	
	1/2"	480.0 $\times$ 640.0 mm	160.0 $\times$ 213.3 mm
	1/3"	360.0 $\times$ 480.0 mm	120.0 $\times$ 160.0 mm
WD	656.0 mm	209.6 mm	98.0 mm
物像间距离	696.6 mm	250.3 mm	138.9 mm
实效 F	DVL-6.5MC FNO: 2	2.3	2.3
	DVL-6.5MC-F5.6 FNO: 5.6	5.7	5.9
	DVL-6.5MC-F8 FNO: 8	8.1	8.5
TV失真 (1/2")	0.16 %	0.02 %	-0.18 %
适合芯片	1/2"		
滤镜口径	M 27 P= 0.5		
重量	36 g		



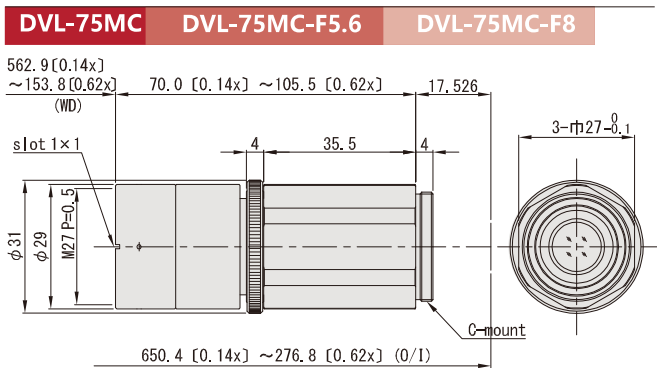
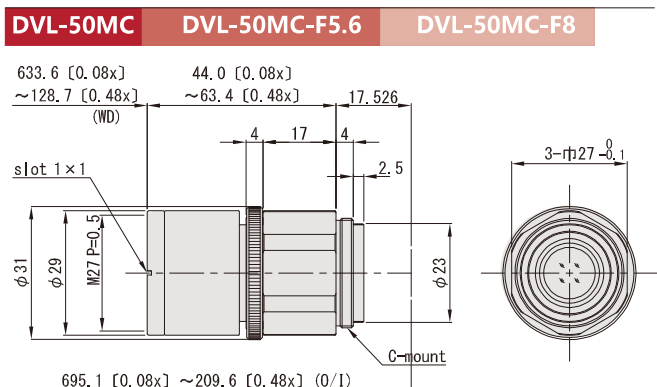
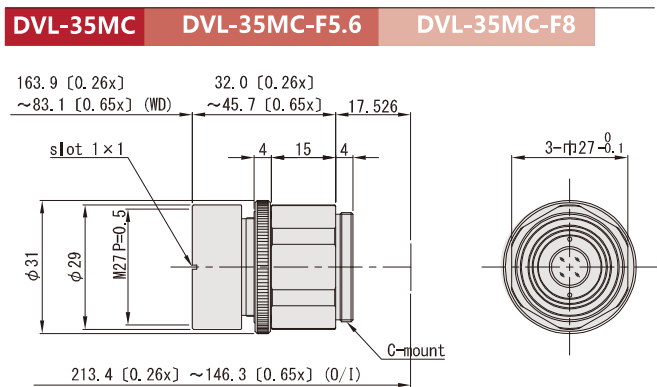
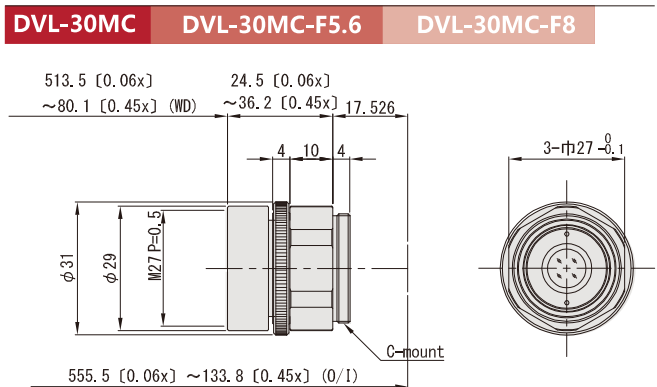
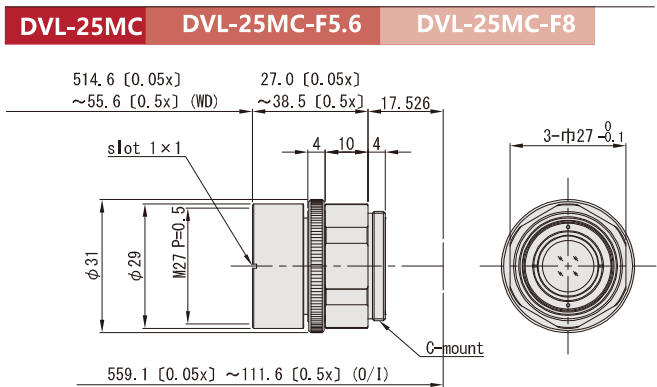
DVL-10MC			
焦点距离 (f) mm	10 mm (10.25)		
最大口径比	1: 2.2		
变倍范围	(∞) $\times 0.02$ ~ $\times 0.15$		
光学倍率	$\times 0.02$	$\times 0.1$	$\times 0.15$
视野 (VxH)	2/3"	-	
	1/2"	240.0 $\times$ 320.0 mm	48.0 $\times$ 64.0 mm
	1/3"	180.0 $\times$ 240.0 mm	36.0 $\times$ 48.0 mm
WD	504.1 mm	94.0 mm	59.9 mm
物像间距离	545.8 mm	136.5 mm	102.9 mm
实效 F	DVL-10MC FNO: 2	2.3	2.6
	DVL-10MC-F5.6 FNO: 5.6	5.7	6.4
	DVL-10MC-F8 FNO: 8	8.2	9.2
TV失真 (1/2")	0.04 %	-0.04 %	-0.07 %
适合芯片	1/2"		
滤镜口径	M 27 P= 0.5		
重量	40 g		



DVL-15MC			
焦点距离 (f) mm	15 mm (15.01)		
最大口径比	1: 2.0		
变倍范围	(∞) $\times 0.03$ ~ $\times 0.3$		
光学倍率	$\times 0.03$	$\times 0.2$	$\times 0.3$
视野 (VxH)	2/3"	236.7 $\times$ 280.0 mm	35.5 $\times$ 42.0 mm
	1/2"	160.0 $\times$ 213.3 mm	24.0 $\times$ 32.0 mm
	1/3"	120.0 $\times$ 160.0 mm	18.0 $\times$ 24.0 mm
WD	490.7 mm	65.4 mm	40.3 mm
物像间距离	536.1 mm	113.4 mm	89.8 mm
实效 F	DVL-15MC FNO: 2	2.1	2.6
	DVL-15MC-F5.6 FNO: 5.6	5.8	7.3
	DVL-15MC-F8 FNO: 8	8.2	10.4
TV失真 (1/2")	-0.01 %	-0.13 %	-0.22 %
适合芯片	2/3"		
滤镜口径	M 27 P= 0.5		
重量	42 g		



DVL-20MC			
焦点距离 (f) mm	20 mm (20.71)		
最大口径比	1: 2.0		
变倍范围	$\times 0.04$ ~ $\times 0.4$		
光学倍率	$\times 0.04$	$\times 0.25$	$\times 0.4$
视野 (VxH)	2/3"	177.5 $\times$ 210.0 mm	28.4 $\times$ 33.6 mm
	1/2"	120.0 $\times$ 160.0 mm	19.2 $\times$ 25.6 mm
	1/3"	90.0 $\times$ 120.0 mm	14.4 $\times$ 19.2 mm
WD	516.8 mm	81.8 mm	50.7 mm
物像间距离	558.8 mm	128.2 mm	100.2 mm
实效 F	DVL-20MC FNO: 2	2.1	2.9
	DVL-20MC-F5.6 FNO: 5.6	5.8	7.8
	DVL-20MC-F8 FNO: 8	8.3	11.2
TV失真 (1/2") 2.1	-0.01 %	-0.19 %	-0.25 %
适合芯片	2/3"		
滤镜口径	M 27 P= 0.5		
重量	36 g		



		DVL-25MC		
焦点距离 (f) mm		25	mm	(25.50)
最大口径比		1: 2.0		
变倍范围		$\times 0.05 \sim \times 0.5$		
光学倍率		$\times 0.05$	$\times 0.25$	$\times 0.5$
视野 (VxH)	2/3"	142.0 $\times$ 168.0 mm	28.4 $\times$ 33.6 mm	14.2 $\times$ 16.8 mm
	1/2"	96.0 $\times$ 128.0 mm	19.2 $\times$ 25.6 mm	9.6 $\times$ 12.8 mm
	1/3"	72.0 $\times$ 96.0 mm	14.4 $\times$ 19.2 mm	7.2 $\times$ 9.6 mm
WD		514.6 mm	106.6 mm	55.6 mm
物像间距离		559.1 mm	156.3 mm	111.6 mm
实 效 F	DVL-25MC FNO: 2	2.1	2.5	3.0
	DVL-25MC-F5.6 FNO: 5.6	5.9	7.0	8.4
	DVL-25MC-F8 FNO: 8	8.4	10.0	12.0
TV失真 (1/2")		0.06 %	-0.06 %	-0.12 %
适合芯片		2/3"		
滤镜口径		M 27 P= 0.5		
重量		38 g		

		DVL-30MC		
焦点距离 (f) mm		30	mm	(30.00)
最大口径比		1: 2.0		
变倍范围		$\times 0.06 \sim \times 0.45$		
光学倍率		$\times 0.06$	$\times 0.25$	$\times 0.45$
视野 (VxH)	2/3"	118.3 $\times$ 140.0 mm	28.4 $\times$ 33.6 mm	15.8 $\times$ 18.7 mm
	1/2"	80.0 $\times$ 106.7 mm	19.2 $\times$ 25.6 mm	10.7 $\times$ 14.2 mm
	1/3"	60.0 $\times$ 80.0 mm	14.4 $\times$ 19.2 mm	8.0 $\times$ 10.7 mm
WD		513.5 mm	133.5 mm	80.1 mm
物像间距离		555.5 mm	181.2 mm	133.8 mm
实 效 F	DVL-30MC FNO: 2	2.4	2.9	3.3
	DVL-30MC-F5.6 FNO: 5.6	5.9	7.0	8.1
	DVL-30MC-F8 FNO: 8	8.5	10.0	11.6
TV失真 (1/2")		0.11 %	-0.07 %	-0.09 %
适合芯片		2/3"		
滤镜口径		M 27 P= 0.5		
重量		39 g		

		DVL-35MC		
焦点距离 (f) mm		35	mm	(35.04)
最大口径比		1: 1.9		
变倍范围		$\times 0.26 \sim \times 0.65$		
光学倍率		$\times 0.26$	$\times 0.45$	$\times 0.65$
视野 (VxH)	2/3"	27.3 $\times$ 32.3 mm	15.8 $\times$ 18.7 mm	10.9 $\times$ 12.9 mm
	1/2"	18.5 $\times$ 24.6 mm	10.7 $\times$ 14.2 mm	7.4 $\times$ 9.9 mm
	1/3"	13.9 $\times$ 18.5 mm	8.0 $\times$ 10.7 mm	5.5 $\times$ 7.4 mm
WD		163.9 mm	107.0 mm	83.1 mm
物像间距离		213.4 mm	163.2 mm	146.3 mm
实 效 F	DVL-35MC FNO: 2	2.5	3.0	3.5
	DVL-35MC-F5.6 FNO: 5.6	7.1	8.1	9.2
	DVL-35MC-F8 FNO: 8	10.1	11.6	13.2
TV失真 (1/2")		0.03 %	0.00 %	0.01 %
适合芯片		2/3"		
滤镜口径		M 27 P= 0.5		
重量		43 g		

		DVL-50MC		
焦点距离 (f) mm		50	mm	(48.48)
最大口径比		1: 2.5		
变倍范围		$\times 0.08 \sim \times 0.48$		
光学倍率		$\times 0.08$	$\times 0.3$	$\times 0.48$
视野 (VxH)	2/3"	88.8 $\times$ 105.0 mm	23.7 $\times$ 28.0 mm	14.8 $\times$ 17.5 mm
	1/2"	60.0 $\times$ 80.0 mm	16.0 $\times$ 21.3 mm	10.0 $\times$ 13.3 mm
	1/3"	45.0 $\times$ 60.0 mm	12.0 $\times$ 16.0 mm	7.5 $\times$ 10.0 mm
WD		633.6 mm	189.3 mm	128.7 mm
物像间距离		695.1 mm	261.5 mm	209.6 mm
实 效 F	DVL-50MC FNO: 2	2.6	3.2	3.6
	DVL-50MC-F5.6 FNO: 5.6	6.0	7.3	8.3
	DVL-50MC-F8 FNO: 8	8.6	10.4	11.8
TV失真 (1/2")		0.04 %	-0.01 %	-0.01 %
适合芯片		2/3"		
滤镜口径		M 27 P= 0.5		
重量		60 g		

		DVL-75MC		
焦点距离 (f) mm		75	mm	(73.98)
最大口径比		1: 3.8		
变倍范围		$\times 0.14 \sim \times 0.62$		
光学倍率		$\times 0.14$	$\times 0.4$	$\times 0.62$
视野 (VxH)	2/3"	50.7 $\times$ 60.0 mm	17.8 $\times$ 21.0 mm	11.5 $\times$ 13.6 mm
	1/2"	34.3 $\times$ 45.7 mm	12.0 $\times$ 16.0 mm	7.7 $\times$ 10.3 mm
	1/3"	25.7 $\times$ 34.3 mm	9.0 $\times$ 12.0 mm	5.8 $\times$ 7.7 mm
WD		562.9 mm	219.5 mm	153.8 mm
物像间距离		650.4 mm	326.2 mm	276.8 mm
实 效 F	DVL-75MC FNO: 2	4.1	4.8	6.2
	DVL-75MC-F5.6 FNO: 5.6	7.0	9.7	12.0
	DVL-75MC-F8 FNO: 8	10.1	13.9	17.2
TV失真 (1/2")		0.03 %	-0.01 %	-0.02 %
适合芯片		2/3"		
滤镜口径		M 27 P= 0.5		
重量		80 g		

DMC Series (φ16固定倍率型)

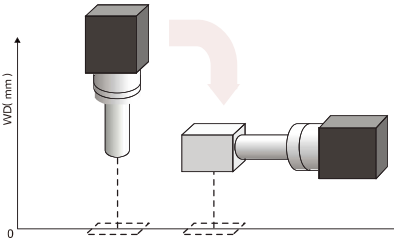
2/3" 1/1.8"

低价微距镜头
0.1x~2.0x共15个机种
设计了容易装配设备的短O/I
使用连接环可以容易变更WD，倍率

可供安装各种选配件

■ 直角棱镜

VS-PZ16-1



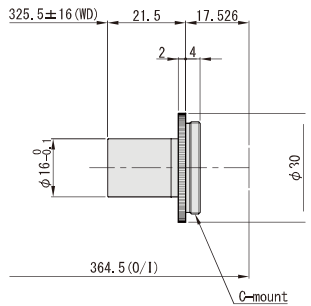
※ 根据镜头视野、使用条件等、棱镜有可能变得不适合应用。
详细状况请跟我们销售联系、推荐方法是样本试用评估。

■ 滤镜接口环

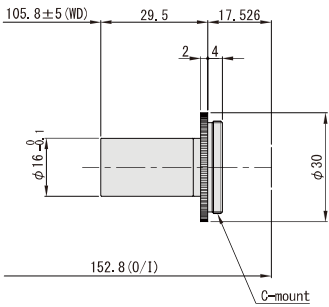
SV-FAD-TC16/255



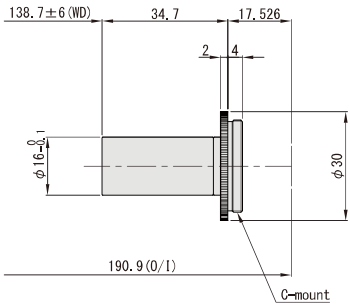
DMC-01-330



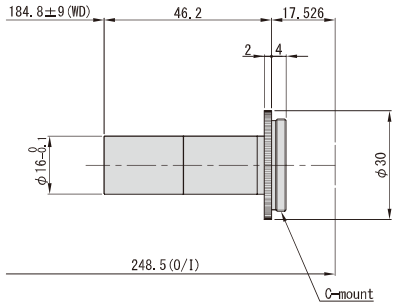
DMC-03-100



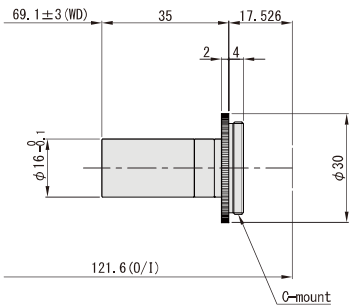
DMC-03-135



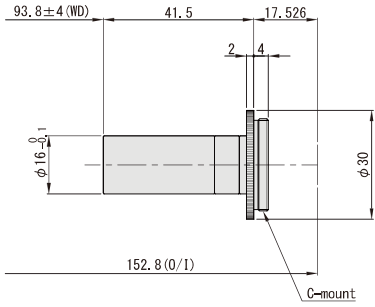
DMC-03-180



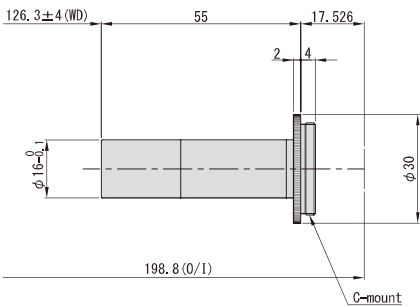
DMC-05-65



DMC-05-90



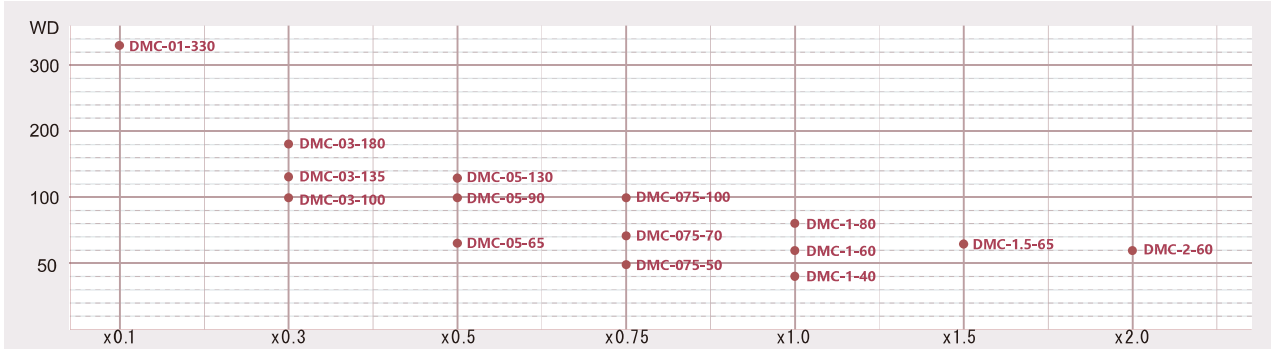
DMC-05-130



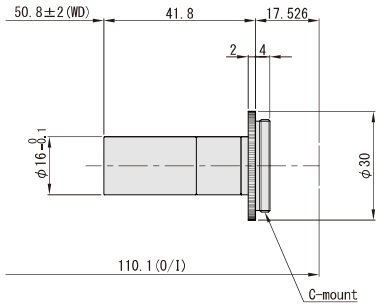
规格	DMC-01-330	DMC-03-100	DMC-03-135	DMC-03-180	DMC-05-65	DMC-05-90	DMC-05-130
光学倍率	0.1x	0.3x	0.3x	0.3x	0.5x	0.5x	0.5x
视场2/3"(VxH mm)	66.0x88.0	22.0x29.3	22.0x29.3	22.0x29.3	13.2x17.6	13.2x17.6	13.2x17.6
视场1/2"(VxH mm)	48.0x64.0	16.0x21.3	16.0x21.3	16.0x21.3	9.6x12.8	9.6x12.8	9.6x12.8
视场1/3"(VxH mm)	36.0x48.0	12.0x16.0	12.0x16.0	12.0x16.0	7.2x9.6	7.2x9.6	7.2x9.6
WD (mm)	325.5	105.8	138.7	184.8	69.1	93.8	126.3
物像间距离 O/I(mm)	364.5	152.8	190.9	248.5	121.6	152.8	198.8
实效 F	4.43	5.16	5.27	5.29	5.95	6.08	6.10
N.A.	0.011	0.029	0.028	0.028	0.042	0.041	0.041
景深 (mm) *1	35.4	4.6	4.7	4.7	1.9	1.9	2.0
T V 失真	0.01%	0.00%	0.00%	0.00%	-0.02%	0.00%	0.00%
兼容CCD/接口	2/3"以下/C接口	2/3"以下/C接口	2/3"以下/C接口	2/3"以下/C接口	2/3"以下/C接口	2/3"以下/C接口	2/3"以下/C接口

*1: 计算值(容许错乱圆径φ0.04mm)。

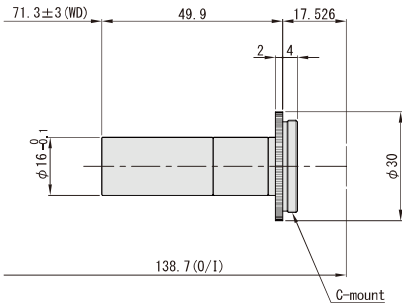
WD比较



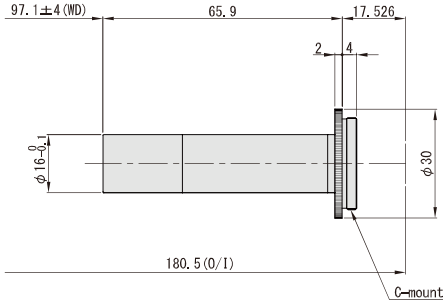
DMC-075-50



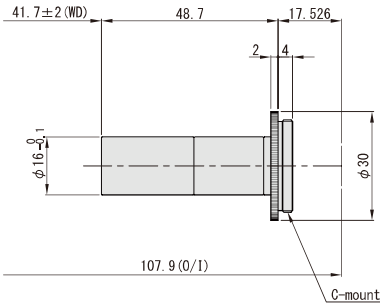
DMC-075-70



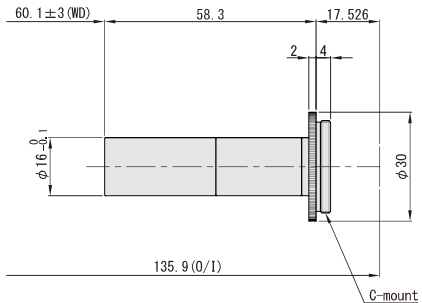
DMC-075-100



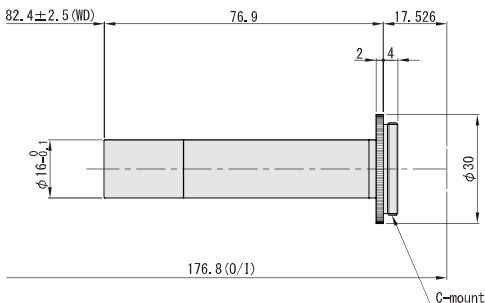
DMC-1-40



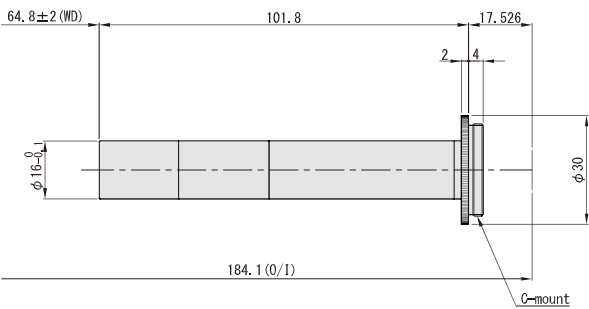
DMC-1-60



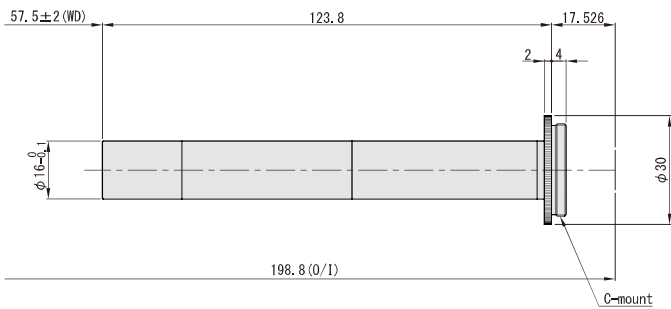
DMC-1-80



DMC-1.5-65



DMC-2-60

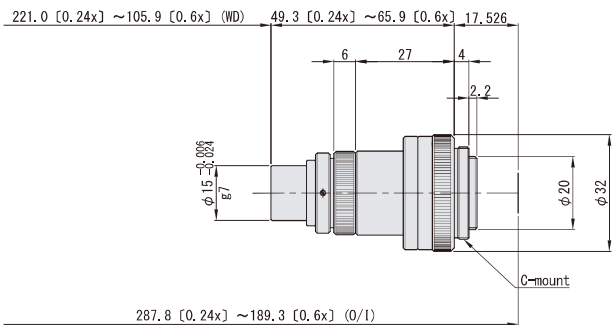


规格	DMC-075-50	DMC-075-70	DMC-075-100	DMC-1-40	DMC-1-60	DMC-1-80	DMC-1.5-65	DMC-2-60
光学倍率	0.75x	0.75x	0.75x	1.0x	1.0x	1.0x	1.5 x	2.0 x
视场2/3"(VxH mm)	8.8x11.7	8.8x11.7	8.8x11.7	6.6x8.8	6.6x8.8	6.6x8.8	4.4x5.9	3.3x4.4
视场1/2"(VxH mm)	6.4x8.5	6.4x8.5	6.4x8.5	4.8x6.4	4.8x6.4	4.8x6.4	3.2x4.3	2.4x3.2
视场1/3"(VxH mm)	4.8x6.4	4.8x6.4	4.8x6.4	3.6x4.8	3.6x4.8	3.6x4.8	2.4x3.2	1.8x2.4
WD (mm)	50.8	71.3	97.1	41.7	60.1	82.4	64.8	57.5
物像间距离 O/I (mm)	110.1	138.7	180.5	107.9	135.9	176.8	184.1	198.8
实效 F	5.75	6.80	7.10	6.58	7.80	8.14	10.00	12.10
N.A.	0.065	0.055	0.053	0.076	0.064	0.061	0.075	0.083
景深 (mm) *1	0.8	1.0	1.0	0.5	0.6	0.7	0.4	0.2
T V 失真	-0.03%	0.00%	0.00%	-0.04%	0.00%	0.00%	0.00%	0.00%
兼容CCD/接口	2/3"以下/C接口	2/3"以下/C接口	2/3"以下/C接口	2/3"以下/C接口	2/3"以下/C接口	2/3"以下/C接口	2/3"以下/C接口	2/3"以下/C接口

*1：计算值 (容许错位圆径 φ 0.04mm)。

■ 可变倍率型

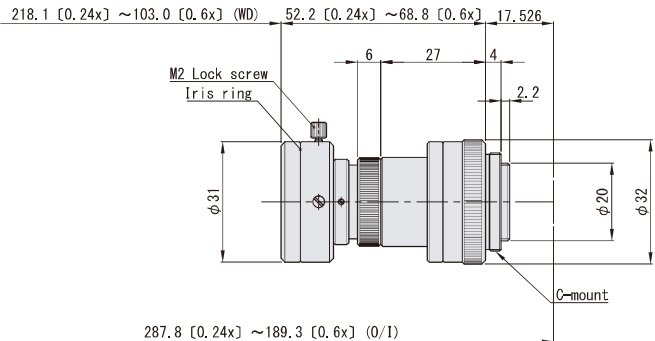
DMZL-02406



规格 DMZL-02406			
变倍范围	0.24x~0.6x		
光学倍率	0.25x	0.4x	0.5x
视场2/3"(VxHmm)	26.4x35.2	16.5x22	13.2x17.6
视场1/2"(VxHmm)	19.2x25.6	12x16	9.6x12.8
视场1/3"(VxHmm)	14.4x19.2	9x12	7.2x9.6
镜筒长	49.8	56.7	61.3
WD (mm)	213.3	144.3	121.2
物像间距离 O/I (mm)	280.7	218.5	200.4
实效 F	4.0	4.4	4.8
NA	0.031	0.045	0.052
景深 (mm) *1	5.1	2.2	1.5
TV失真	0.1%		
兼容CCD / 接口	2/3"以下 / C接口		

*1: 计算值(容许错乱圆径 $\phi 0.04\text{mm}$)

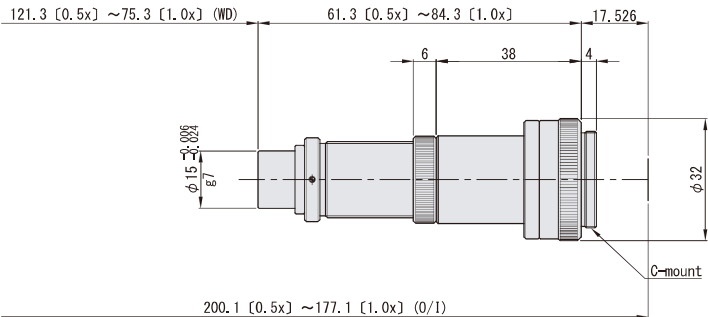
DMZL-02406S



规格 DMZL-02406S			
变倍范围	0.24x~0.6x		
光学倍率	0.25x	0.4x	0.5x
视场2/3"(VxHmm)	26.4x35.2	16.5x22	13.2x17.6
视场1/2"(VxHmm)	19.2x25.6	12x16	9.6x12.8
视场1/3"(VxHmm)	14.4x19.2	9x12	7.2x9.6
镜筒长	52.7	59.6	64.2
WD (mm)	210.4	141.4	118.3
物像间距离 O/I (mm)	280.7	218.5	200.4
实效 F	4.0	4.4	4.8
NA	0.031	0.045	0.052
景深 (mm) *1	5.1	2.2	1.5
TV失真	0.1%		
兼容CCD / 接口	2/3"以下 / C接口		

*1: 计算值(容许错乱圆径 $\phi 0.04\text{mm}$)

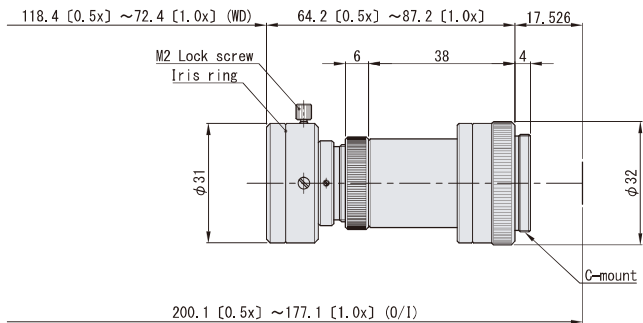
DMZL-0510



规格 DMZL-0510			
变倍范围	0.5x~1.0x		
光学倍率	0.5x	0.75x	1.0x
视场2/3"(VxHmm)	13.2x17.6	8.8x11.7	6.6x8.8
视场1/2"(VxHmm)	9.6x12.8	6.4x8.5	4.8x6.4
视场1/3"(VxHmm)	7.2x9.6	4.8x6.4	3.6x4.8
镜筒长	61.6	72.8	84.7
WD (mm)	121.3	90.5	75.3
物像间距离 O/I (mm)	200.1	180.8	177.1
实效 F	4.8	5.9	6.4
NA	0.052	0.063	0.078
景深 (mm) *1	1.5	0.8	0.5
TV失真	-0.01%		
兼容CCD / 接口	2/3"以下 / C接口		

*1: 计算值(容许错乱圆径 $\phi 0.04\text{mm}$)

DMZL-0510S



规格 DMZL-0510S			
变倍范围	0.5x~1.0x		
光学倍率	0.5x	0.75x	1.0x
视场2/3"(VxHmm)	13.2x17.6	8.8x11.7	6.6x8.8
视场1/2"(VxHmm)	9.6x12.8	6.4x8.5	4.8x6.4
视场1/3"(VxHmm)	7.2x9.6	4.8x6.4	3.6x4.8
镜筒长	64.5	75.7	87.6
WD (mm)	118.4	87.6	72.4
物像间距离 O/I (mm)	200.1	180.9	177.1
实效 F	4.8	5.9	6.4
NA	0.052	0.063	0.078
景深 (mm) *1	1.5	0.8	0.5
TV失真	-0.01%		
兼容CCD / 接口	2/3"以下 / C接口		

*1: 计算值(容许错乱圆径 $\phi 0.04\text{mm}$)

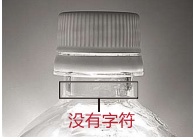
DVL-UV & IR Series 1/2"

坚固机械设计以供机械视觉使用
特别设计供近紫外线（365nm）波长
低失真和坚固机身设计以供机械视觉使用
特别的涂层可以消除必要的波长，高对比度图像

可视光照明+可视光镜头

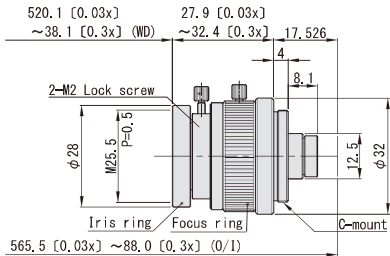


IR照明+IR镜头

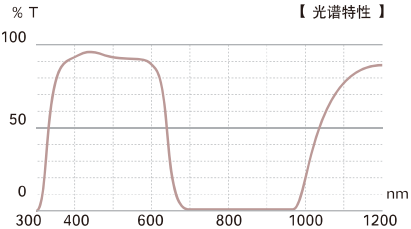


■ 可变倍率型

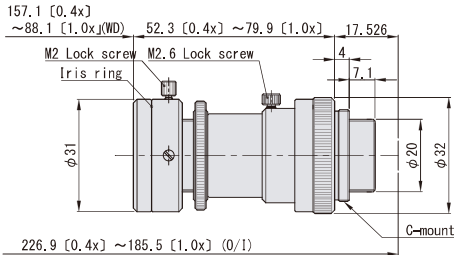
DVL-HC00303NS-UV 以供定制



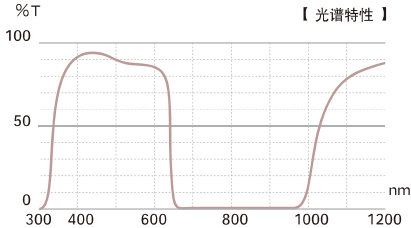
规格	DVL-HC00303NS-UV		
变倍范围	0.03x ~ 0.3x		
光学倍率	0.03x	0.1x	0.3x
视场1/2" (VxHmm)	160.0x213.3	48.0x64.0	16.0x21.3
视场1/3" (VxHmm)	120.0x160.0	36.0 x48.0	12.0 x16.0
WD (mm) *1	520.1	144.1	38.1
TV失真	-0.01% 以下		
设计波长	320nm ~ 420nm		
兼容CCD / 接口	1/2"以下 / C接口		



DVL-HC00510S-UV 以供定制

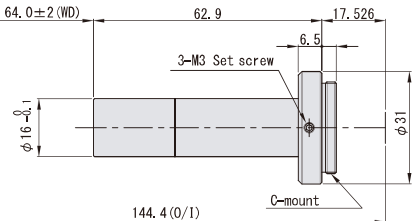


规格	DVL-HC00510S-UV		
变倍范围	0.4x ~ 1.0x		
光学倍率	0.5x	0.75x	1.0x
视场1/2" (VxHmm)	9.6x12.8	6.4x8.5	4.8x6.4
视场1/3" (VxHmm)	7.2x9.6	4.8x6.4	3.6x4.8
WD (mm) *1	134.1	103.4	88.1
TV失真	0.00%	-0.01%	
设计波长	320nm ~ 420nm		
兼容CCD / 接口	1/2"以下 / C接口		

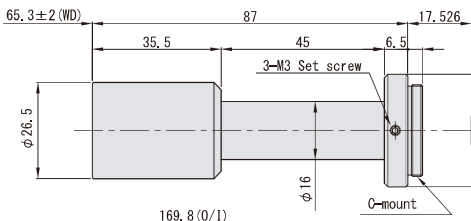


■ 固定倍率型

DVL-HC2-65UV365 以供定制



DVL-HC3-65UV365 以供定制

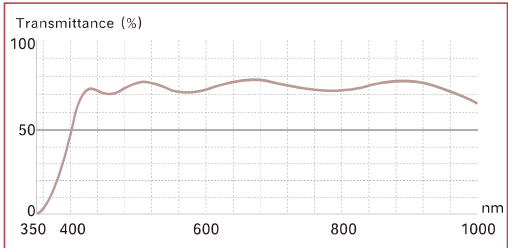
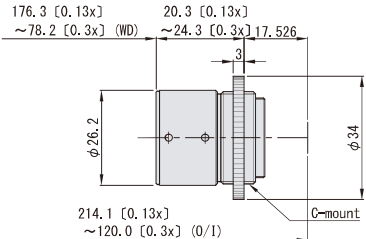


规格	DVL-HC2-65UV365	DVL-HC3-65UV365
光学倍率	2.0x	3.0x
视场1/2" (VxH)	2.4x3.2	1.6x2.1
实效F	9.40	9.27
WD (mm)	64.0	65.3
O/I (mm)	144.4	169.8
TV失真	0.1%	
设计波长	365nm	
兼容CCD / 接口	1/2"以下 / C接口	

■ 可视光~近红外线对应 可变倍率型

DVL-HC01303IR 以供定制

DVL-HC01303IR 概要
拥有可视光范围（400nm）~近红外范围（950nm）的光学特性,可视、近红外两用微距镜头。
大部分镜头因为要同时看见可视光与近红外而需要厂商调整WD，但是此镜头同时拥有可视光~近红外领域的所有光学特性，所以无需再做调整。
而且还拥有C安装的最大直径φ22mm的成像圈。所以也能对应C接口的大像素相机。



规格	DVL-HC01303IR		
倍率范围	0.13x~0.3x		
光学倍率	0.13x	0.2x	0.3x
视野(V x H)	1"	86.6x86.6mm	56.3x56.3mm
	2/3"	54.6x64.6mm	35.5x42.0mm
	1/2"	36.9x49.2mm	24.0x32.0mm
WD	176.3mm	115.7mm	78.2mm
物像间距离O/I	214.1mm	156.3mm	120.0mm
实效F	4.0	4.2	4.6
NA	0.016	0.024	0.033
景深 *1	18.9mm	8.4mm	4.1mm
TV失真率	0.10%		
设计波长	Visible ~ Near IR		
接口	C-Mount		
像圈	φ22 mm		
重量	40 g		

*1 允许错乱值φ0.04mm