

VS-L(V) Series

φ21 φ28.6 φ35 φ45 φ62 φ73 φ83 φ90

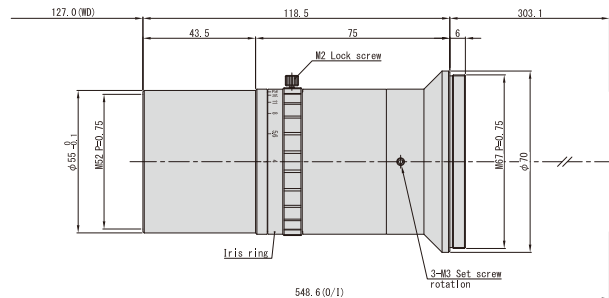
8K・12・16K用线扫镜头

- 通过采用V口，可对应各种各样的倍率。
- 注重周边光亮与失真。
- 实现周边光亮差递减、高对比度。
- 机器视觉的设计，抗震性能强的构造

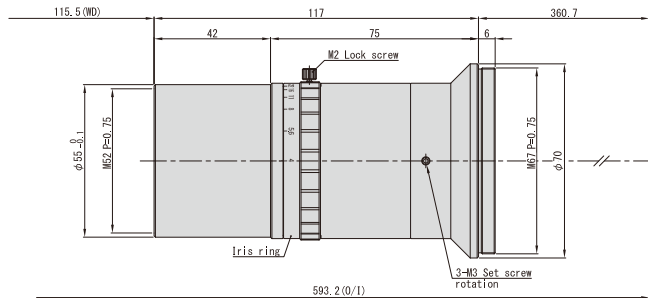


高倍率・FNO3.5・V接口型

VS-L12040-2/M67S

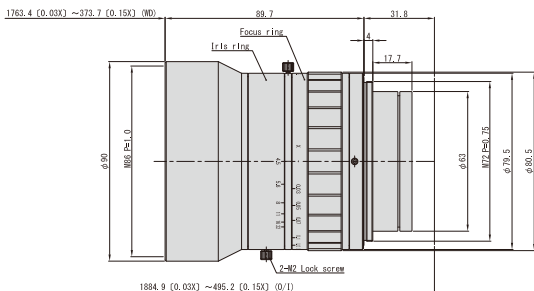


VS-L12040-2.5/M67S



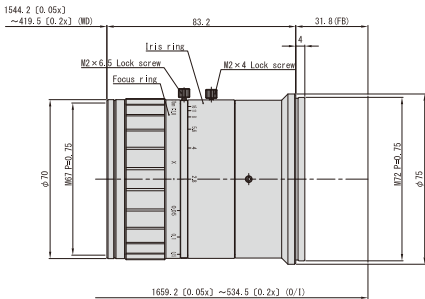
低倍率・V接口型

VS-L5045FL/M72S

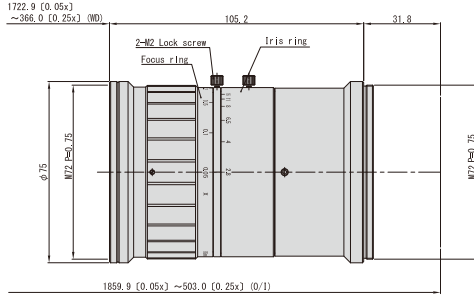


规格	VS-L12040-2/M67S	VS-L12040-2.5/M67S
焦点距离	120 mm	120 mm
光学倍率	2.0x	2.5x
WD	127.0 mm	115.5 mm
物像间距离 O/I	548.6 mm	593.2 mm
FNO	F 4 ~ 22	F 4 ~ 22
实效F * 光圈全开	12.1	13.7
NA	0.083	0.091
景深 * 允许错乱值φ0.04mm	0.2 mm	0.2 mm
光学失真 (Y=45)	0.07 %	0.04 %
周边光亮 (Y=45)	97 %	98 %
操作方法	Manual (Lock Screw M2)	Manual (Lock Screw M2)
设计波长	Visible	Visible
接口	M 67 P = 0.75	M 67 P = 0.75
凸缘衬圈	303.1 mm	360.7 mm
适合芯片 (max.)	φ90 mm	φ90 mm
滤镜口径	M 52 P = 0.75	M 52 P = 0.75
重量 (approx.)	680 g	670 g

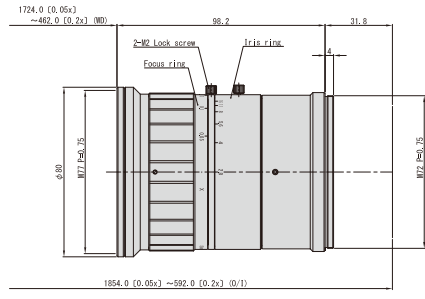
VS-L7528/M72-31.8



VS-L8528/M72



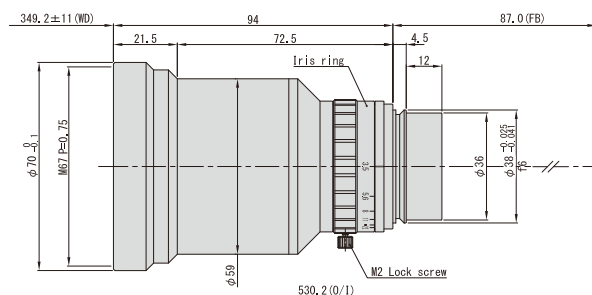
VS-L8528LM/M72



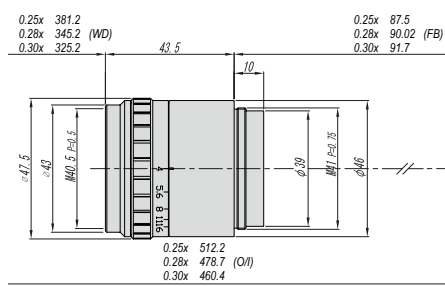
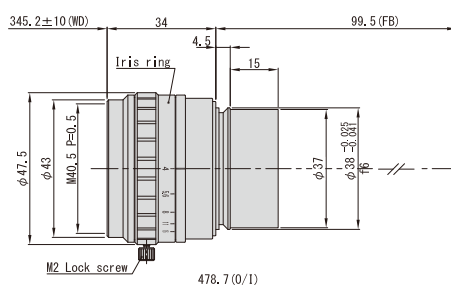
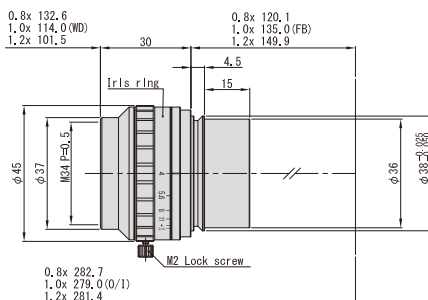
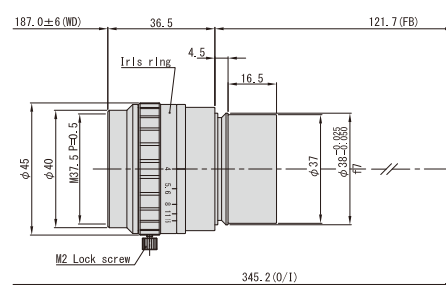
规格	VS-L5045FL/M72S			VS-L7528/M72-31.8				VS-L8528/M72			VS-L8528LM/M72			
焦点距离	52.5 mm			75 mm				85 mm			85 mm			
可变倍率范围	(∞) 0.03x ~ 0.15x			(∞) 0.05x ~ 0.2x				0.05x ~ 0.25x			(∞) 0.05x ~ 0.2x			
光学倍率	0.03x	0.10x	0.15x	0.05x	0.1x	0.15x	0.2x	0.05x	0.15x	0.25x	0.05x	0.1x	0.15x	0.2x
WD	1763.4 mm	545.2 mm	373.7 mm	1544.2 mm	790.6 mm	541.9 mm	419.5 mm	1722.9 mm	598.0 mm	366.0 mm	1724.0 mm	878.4 mm	599.4 mm	462.0 mm
物像间距离 O/I	1884.9 mm	666.7 mm	495.2 mm	1659.2 mm	905.6 mm	656.9 mm	534.5 mm	1859.9 mm	735.0 mm	503.0 mm	1854.0 mm	1008.4 mm	729.4 mm	592.0 mm
FNO	F 4.5 ~ 22			F 2.8 ~ 16				F 2.8 ~ 16			F 2.8 ~ 16			
实效F * 光圈全开	4.7	5.0	5.3	3.0	3.1	3.3	3.4	3.0	3.2	3.5	2.9	3.1	3.2	3.4
NA	—	—	—	0.083	0.016	0.023	0.029	—	—	—	—	—	—	—
景深 * 允许错乱值φ0.04mm	—	—	—	96.0 mm	24.8 mm	11.7 mm	6.8 mm	96.0 mm	11.4 mm	4.5 mm	92.8 mm	24.8 mm	11.4 mm	6.8 mm
光学失真	0.00 % (Y=37.5)	0.15 % (Y=37.5)	0.22 % (Y=37.5)	-0.66 % (Y=36.5)				-0.06 % (Y=31)			0.02 % (Y=31)			
周边光亮	48 % (Y=37.5)			45 % (Y=36.5)				—			—			
操作方法	Manual (Lock Screw M2)			Manual (Lock Screw M2)				Manual (Lock Screw M2)			Manual (Lock Screw M2)			
设计波长	Visible			Visible				Visible			Visible			
接口	M 72 P = 0.75			M 72 P = 0.75				M 72 P = 0.75			M 72 P = 0.75			
凸缘衬圈	31.8 mm			31.8 mm				31.8 mm			31.8 mm			
适合芯片 (max.)	φ75 mm			φ73 mm				φ62 mm			φ62 mm			
滤镜口径	M 86 P = 1.0			M 67 P = 0.75				M 72 P = 0.75			M 77 P = 0.75			
重量 (approx.)	910 g			440 g				520 g			540 g			

WD·倍率对照表

型号	焦距	像圈	(∞)	0.03x	0.05x	0.1x	0.15x	0.2x	0.25x	0.3x	0.4x	0.5x	0.6x	0.7x	0.8x	1.0x	1.5x	2x	2.5x
VS-L12040-2/M67S	120	$\phi 90$															127.0mm (2.0x)		
VS-L12040-2.5/M67S	120	$\phi 90$																115.5mm (2.5x)	
VS-L5045FL/M72S	52.5	$\phi 75$	1763.4mm (0.03x)					373.7mm (0.15x)											
VS-L7528/M72-31.8	75	$\phi 73$	1544.2mm (0.05x)					419.5mm (0.2x)											
VS-L8528/M72	85	$\phi 62$	1724mm (0.05x)					462mm (0.25x)											
VS-L8528LM/M72	85	$\phi 62$	1722.9mm (0.05x)					366.0mm (0.2x)											
VS-L6035/V	60	$\phi 62$				349.2mm (0.165x)													
VS-L7540/V	75	$\phi 82$												132.6mm (0.8x)			101.5mm (1.2x)		
VS-L8540/V	85	$\phi 62$						345.2mm (0.28x)											
VS-L8540-06/V	85	$\phi 62$										187mm (0.6x)							
VS-L8540/M41	85	$\phi 62$						381.2mm (0.25x)		325.2mm (0.3x)									
VS-L12056-03/V	120	$\phi 90$						633.4mm (0.225x)		414.8mm (0.375x)									
VS-L12056-05/V	120	$\phi 90$							417.2mm (0.375x)				285.9mm (0.625x)						
VS-L12056-075/V	120	$\phi 90$										284.9mm (0.625x)				228.1mm (0.875x)			
VS-L12056-1/V	120	$\phi 90$												228.2mm (0.875x)			196.6mm (1.125x)		
VS-L12035-05/V	120	$\phi 90$								360mm (0.45x)		311.5mm (0.55x)							
VS-L12035-075/V	120	$\phi 90$										260.3mm (0.7x)				238.9mm (0.8x)			
VS-L12035-1/V	120	$\phi 90$													229mm (0.9x)			204.8mm (1.1x)	

VS-L6035/V**VS-L8540/M41**

M41 P=0.75 接口

**VS-L8540/V****VS-L7540/V****VS-L8540-06/V**

规格	VS-L6035/V		VS-L7540/V		VS-L8540/V		VS-L8540-06/V		VS-L8540/M41	
焦距距离	60 mm		75 mm		85 mm		85 mm		84.03 mm	
光学倍率	0.165x		0.8x	1.0x	1.2x	0.28x	0.6x	0.25x	0.28x	0.3x
WD	349.2 mm ± 11		132.6 mm	114.0 mm	101.5 mm	345.2 mm ± 10	187.0 mm ± 6	381.2 mm	345.2 mm	325.2mm
物像间距离 O/I	530.2 mm		282.7 mm	279.0 mm	281.4mm	478.7 mm	345.2 mm	512.2 mm	478.7 mm	460.4 mm
FNO	F 3.5 ~ 22		F 4 ~ 22			F 4 ~ 16	F 4 ~ 16		F 4 ~ 16	
实效F * 光圈全开	4.1		7.7	8.7	9.6	5.1	6.4	4.7	5.0	5.3
NA	0.020		0.052	0.057	0.063	0.027	0.047	0.025	0.027	0.029
景深 * 充许乱值φ0.04mm	12.0 mm		1.0mm	0.7 mm	0.5 mm	5.2 mm	1.4 mm	6.4 mm	5.2 mm	4.6 mm
光学失真	-0.08 % (Y=31)		-0.01 % (Y=41)			0.00 % (Y=31)	-0.04 % (Y=31)		0.00 % (Y=31)	
操作方法	Manual (Lock Screw M2)		Manual (Lock Screw M2)			Manual (Lock Screw M2)	Manual (Lock Screw M2)		Manual	
设计波长	Visible		Visible			Visible	Visible		Visible	
接口	V-Mount		V-Mount			V-Mount	V-Mount		M41, P=0.75	
凸缘衬圈	87.0 mm		120.1 mm	135.0 mm	149.9 mm	99.5 mm	121.7 mm	87.5 mm	90.0 mm	91.7 mm
适合芯片 (max.)	φ62 mm		φ82 mm			φ62 mm	φ62 mm		φ62 mm	
滤镜口径	M 67 P= 0.75		M 34 P= 0.5			M 40.5 P= 0.5	M 37.5 P= 0.5		M 40.5 P= 0.5	
重量 (approx.)	360 g		134 g			160 g	170 g		- g	