

Line Scan Lenses for 35mm Sensor

ML-L Series

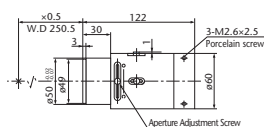
< 35 mm
7 μ m

Optimal for high speed processing of large field of views, the ML-L Series was designed for line scan and area sensors up to 35 mm length and 7 μ m pixel size.

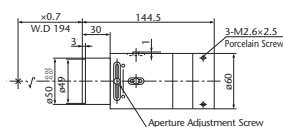
- Low optical distortion, all models less than 0.1%
- Low marginal rays difference
- High resolution, high contrast
- Suitable for long working distance applications



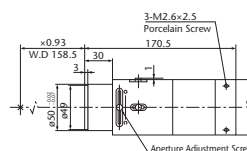
ML-L05



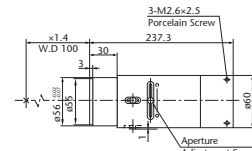
ML-L07



ML-L09

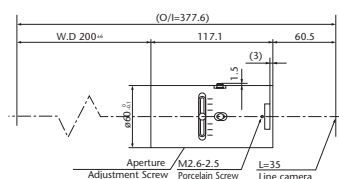


ML-L14



ML-L047-200

Made-to-order



Model	Focal Length	Magnification	O/I	WD	Effective F No	TV Distortion	Image Format	Mount	Weight
ML-L05	102.1	$\times 0.5$	433mm	205.5mm	5.9 ~ 28	-0.02% or less	35mm	MountAdapter MT	700g
ML-L07	103.2	$\times 0.7$	399mm	194mm	6.7 ~ 32	-0.02% or less	35mm	MountAdapter MT	800g
ML-L09	104.6	$\times 0.93$	389.5mm	158.5mm	7.7 ~ 37	0.01% or less	35mm	MountAdapter MT	800g
ML-L14	103.3	$\times 1.4$	397.8mm	100mm	9.5 ~ 45	0.01% or less	35mm	MountAdapter MT	800g
★ ML-L047-200	95	$\times 0.47$	377.6mm	200mm	5.9 ~ 32	0.01% or less	35mm	MountAdapter MT	700g

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Camera Mount (Optional)

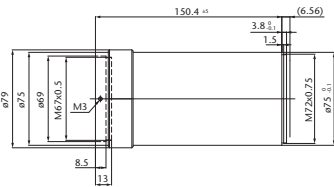
Reference Chart for Line Scan Lens Selection

	Image Format / Pixel Size				Mount						
	35mm/7μm	58.4mm/7μm	61.4mm/5μm	82mm/10μm Color	C-mount	F-mount	M72			TFL2	M39
							DALSA Piranha2	DALSA Piranha3	NED		
ML-F80C-0205/0510	○	○	○	○	○ *1	○ *1	○ *1	○ *1	○ *1	○ *1	○ *2
ML-L12K5A Series	○	○	○	×	○ *1	○	○	○	○	×	×
ML-L00502	○	○	○	×	○ *1	×	○	○	○ *2	○	×
ML-L02035/03505	○	○	△ *3	×	○	○	○	△ *3	×	×	×
ML-L Series	○	×	×	×	○	○	×	×	×	×	×

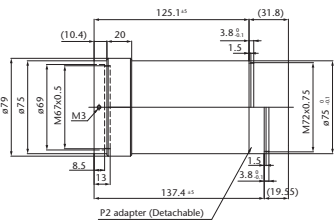
*1 Mount adaptor is available on request. (i.e. BTO)
*2 Directly mountable as standard.
*3 Optional camera mounts available, but the imaging area may be affected by relatively small image circle of the lens.

For ML-L12K5A

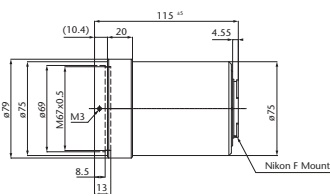
12K5-M72-6.56



12K5-M72-31.8/19.55



12K5-FMT

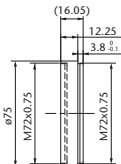


Model	12K5-M72-6.56	12K5-M72-31.8/19.55	★ 12K5-FMT
Mount Name	DALSA Piranha3 Mount	NED Mount/DALSA Piranha 2 Mount	Nikon F Mount

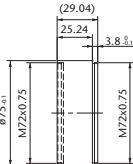
★Made-to-order

For ML-L00502

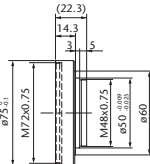
L00502-M72-19.55



L00502-M72-6.56



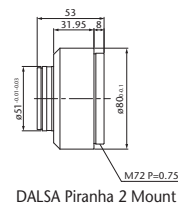
L00502-TFL2



Model	L00502-M72-19.55	L00502-M72-6.56	L00502-TFL2
Mount Name	DALSA Piranha 2 Mount	DALSA Piranha3 Mount	TFL2 Mount

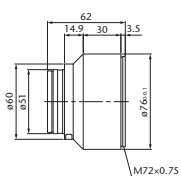
For ML-L02035/03505

P2MT-S



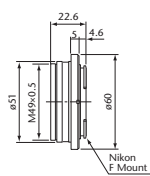
DALSA Piranha 2 Mount

P3MT-S



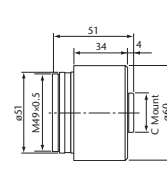
DALSA Piranha 3 Mount

FMT-S



Nikon F Mount

CMT-S



C Mount

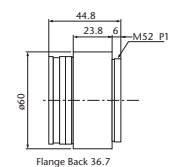
*SCHOTT MORITEX can also provide mounts from various other manufacturers.

Model	★ P2MT-S	★ P3MT-S	FMT-S	CMT-S
Mount Name	DALSA Piranha 2 Mount	DALSA Piranha 3 Mount	Nikon F Mount	C Mount

★Made-to-order

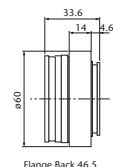
For ML-L Series

MMT



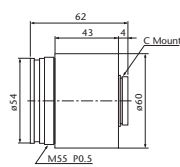
NED Compatible Mount

FMT



Nikon Mount

CMT



C Mount

Model	MMT	FMT	CMT
Mount Name	NED Compatible Mount	Nikon Mount	C Mount