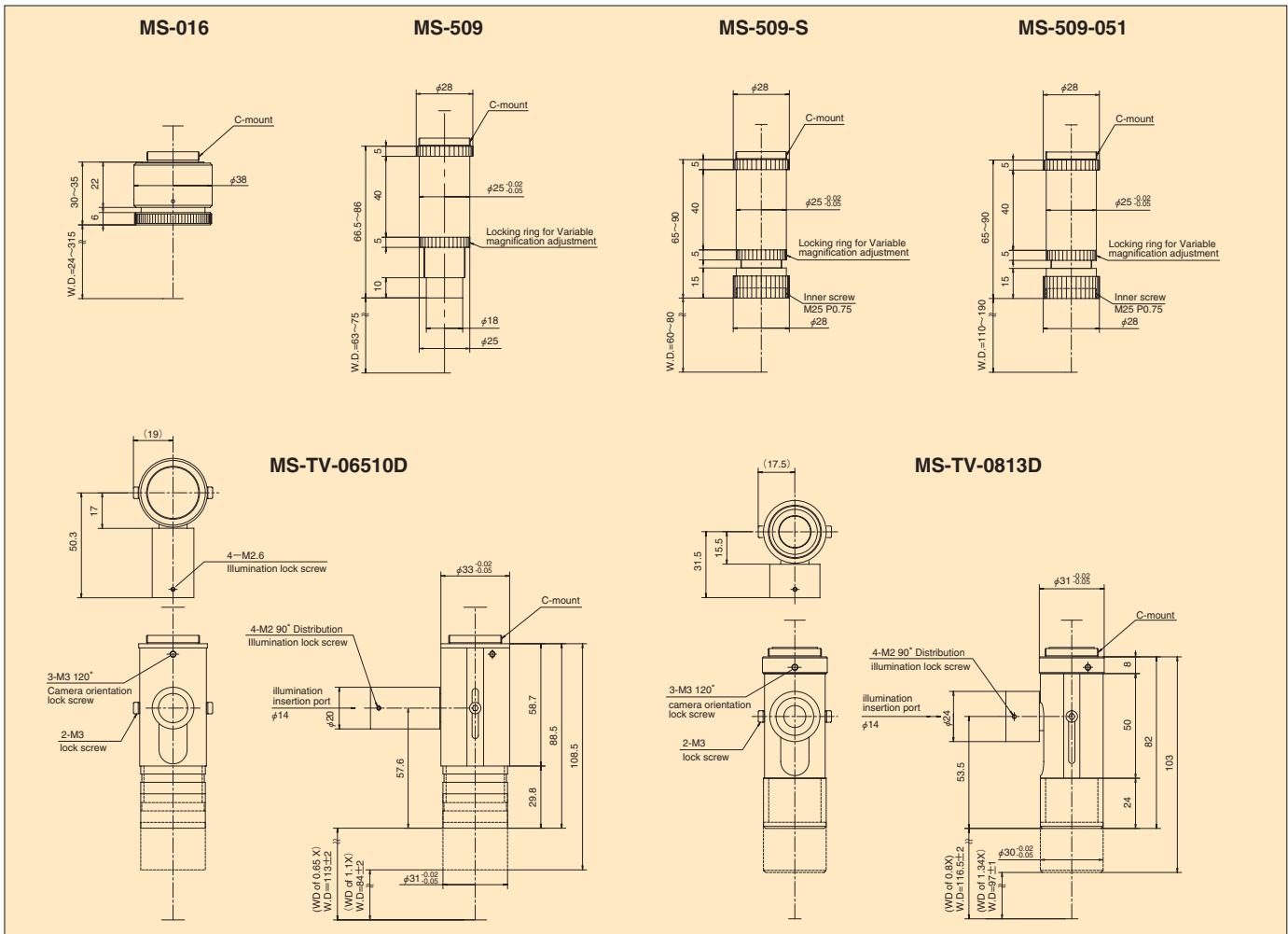


For C-Mount Camera

# VARIABLE MAGNIFICATION LENS series

- Variable magnification, Fixed-tube
- Wide angle variable magnification tube
- Low magnification macro lens
- Variable focus lens (Varifocal lens)

Designed to be high resolution, low distortion and compat.



## Specification

Model#	MS-509/MS-509-S		MS-509-051		MS-016					MS-TV-0813D		MS-TV-06510D	
Magnification	1X	1.5X	0.38X	0.88X	0.05X	0.1X	0.2X	0.3X	0.4X	0.8X	1.34X	0.65X	1.1X
Working Distance	75mm	63mm	190mm	110mm	302.5mm	152.7mm	61.7mm	31.4mm	19.7mm	116.5mm	97mm	113mm	84mm
Focal Depth	0.9mm	0.5mm	0.5mm	1.2mm	18.2mm	4.7mm	1.2mm	0.6mm	0.36mm	1.0mm	0.5mm	3.2mm	1.6mm
Distortion	> 0.02%	> 0.02%	> 0.05%	> 0.02%	> 0.2%	> 0.5%	> 1.1%	> 2%	> 2%	> 0.05%	> 0.05%	> 0.3%	> 0.2%
Resolution (LP/mm)	132LP/mm	161LP/mm	62.5LP/mm	108LP/mm	12LP/mm	24LP/mm	48LP/mm	71LP/mm	89LP/mm	149LP/mm	179LP/mm	57LP/mm	65LP/mm
Resolution Power	7.6μm	6.2μm	16.0μm	9.3μm	83.9μm	41.9μm	21.0μm	14.0μm	11.2μm	6.7μm	5.6μm	17.6μm	15.3μm
N.A	0.044	0.054	0.021	0.036	0.004	0.008	0.016	0.024	0.030	0.05	0.06	0.019	0.022
F number	11.3	14.1	9.2	12.4	5.7	5.9	6.3	6.8	7.2	8	11.2	17.1	25
Camera Mount	C-MOUNT												
Equivalent CCD	under 2/3" CCD						under 1/2" CCD						
Weight	50g		50g		60g					140g		160g	