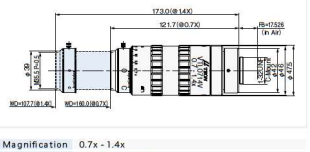
VTL Series

12 Mega Pixel Vari Focal Telecentric Lens for 1.1 inch

Vari Focal Telecentric Lens at 0.7x - 1.4x
Possible to change magnification range by using front converter

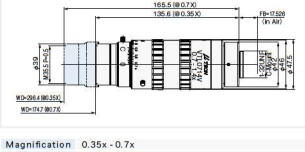
- Suitable for 12 Mega Pixel (1.1 inch, 3.45 μm)
- Super high resolution
- Adjustable the depth of field and the Contrast
- Magnification can be converted from 0.35 x to 0.7 x by using front converter

VTL0714V



Magnification	0.7x - 1.4x
WD	160mm - 108mm
Maximum Compatible sensor	φ17.6mm(1.1 inch)
Mount	C

VTL0714V + VTL05FCV



Magnification	0.35x - 0.7x
WD	296mm - 175mm
Application	For VTL0714V

* Indicated specifications are design values. * Resolution indicates a theoretical resolution at a wavelength of 550nm.
*Depth of field is calculating assuming a horizontal 320 TV resolution using 1/2 inch camera (permissible circle of confusion 40μ).

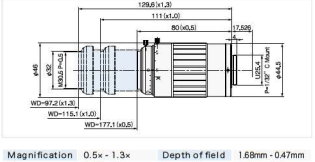
VTL Series

Vari Focal Telecentric Lens

Vari Focal Telecentric Lens at 0.5x - 1.3x
Possible to change magnification range by using front converter

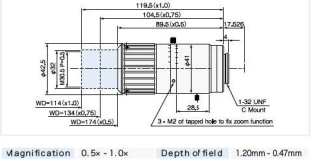
- Telecentric lens at the whole range of magnification
- Suitable for 5 Mega Pixel
- Magnification of VTL0513 can be converted from 0.25x - 2.6x by using front converter
- Reduce relative illumination
- TV distortion less than 0.01%
- VTL0513 is suitable for large format, up to 1.1 inch even though original optical design is for 2/3 inch

VTL0513



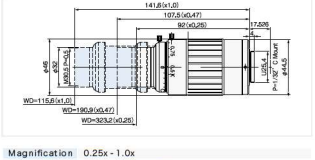
Magnification	0.5x - 1.3x	Depth of field	1.68mm - 0.47mm
F No.	5.26 - 10	Resolution	4.2μ - 2.9μ
Object side NA	0.048 - 0.065	TV distortion	0.01%
WD	173mm - 97mm	Maximum Compatible sensor	2/3
OI	271mm - 244mm	Mount	C

VTL0510



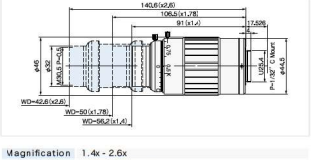
Magnification	0.5x - 1.0x	Depth of field	1.20mm - 0.47mm
F No.	3.76 - 5.89	Resolution	7.4μ - 5μ
Object side NA	0.066 - 0.085	TV distortion	0.01%
WD	174mm - 114mm	Maximum Compatible sensor	1/1.8
OI	281mm - 251mm	Mount	C

VTL0513 + VTL05FC



Magnification	0.25x - 1.0x
WD	323.2mm - 115.6mm
Application	For VTL0513

VTL0513 + VTL20FC



Magnification	1.4x - 2.6x
WD	56.2mm - 42.6mm
Application	For VTL0513

* Indicated specifications are design values. * Resolution indicates a theoretical resolution at a wavelength of 550nm.
*Depth of field is calculating assuming a horizontal 320 TV resolution using 1/2 inch camera (permissible circle of confusion 40μ).