

# VS-LTC SERIES



## Line Scan Telecentric Lenses

Sensors with diameters ranging from 21 - 44mm can utilize the VS-LTC series to produce a high resolution telecentric image. Specifically designed for large format line scan sensors, you can find within this series an excellent match for your line scan camera.

- 21 - 44mm sensor support
- 18 models available
- Reduced shading
- Adjustable DOF
- Telecentric design
- Bi-Telecentric lens models are available

## Image circle chart

bit	2048	2048	4096	7450	4096	6144
Pixel Size ( $\mu\text{m}$ )	10	14	7	4.7	10	7
Image Circle $\phi$ (mm)	21	29	29	35	41	43
VS-LTC03-130/FS	●					
VS-LTC04-100-21/FS	●					
VS-LTC05-130/FS	●					
VS-LTC07-150/FS	●					
VS-LTC1-130/FS	●					
VS-LTC075-70(CO)-35/FS	●	●	●	●		
VS-LTC1-70(CO)-35/FS	●	●	●	●		
VS-LTC2-70(CO)/FSN	●	●	●	●		
VS-LTC4-50CO-28/F	●	●	●			
VS-LTC5-50CO-28/F	●	●	●			
VS-LTC6-50CO-28/F	●	●	●			
VS-LTC7-50CO-28/F	●	●	●			

MODEL	OPT. MAG	WD(MM)	WORKING F/#	NA	SENSOR SIZE(MAX.)
<b>VS-LTC03-130/FS</b>	0.3x	130.2	5.8	0.026	Φ22
<b>VS-LTC04-100-21/FS</b>	0.4x	95.2	4.0	0.050	Φ20.48
<b>VS-LTC05-130/FS</b>	0.5x	132.9	4.6	0.055	Φ22
<b>VS-LTC07-150/FS</b>	0.7x	150.8	5.3	0.066	Φ21
<b>VS-LTC1-130/FS</b>	1.0x	131.5	6.3	0.080	Φ22
<b>VS-LTC075-70-35/FS</b>	0.75x	70.2	5.4	0.070	Φ35
<b>VS-LTC075-70CO-35/FS</b>	0.75x	70.2	5.4	0.070	Φ35
<b>VS-LTC1-70-35/FS</b>	1.0x	70.2	6.3	0.080	Φ35
<b>VS-LTC1-70CO-35/FS</b>	1.0x	70.2	6.3	0.080	Φ35
<b>VS-LTC2-70/FSN</b>	2.0x	70.2	12.5	0.080	Φ35
<b>VS-LTC2-70CO/FSN</b>	2.0x	70.2	12.5	0.080	Φ35
<b>VS-LTC2-60/FS</b>	2.0x	60.0	9.1	0.110	Φ35
<b>VS-LTC3.3-45/FS</b>	3.3x	45.0	19.2	0.086	Φ35
<b>VS-LTC4-50CO-28/F</b>	4.0x	52.4	20.0	0.100	Φ25
<b>VS-LTC5-50CO-28/F</b>	5.0x	51.5	25.0	0.100	Φ28.6
<b>VS-LTC6-50CO-28/F</b>	6.0x	50.9	30.0	0.100	Φ28.6
<b>VS-LTC7-50CO-28/F</b>	7.0x	50.5	35.0	0.100	Φ28.6