

Large Format Telecentric

VS-LTC

71MP

SERIES

ϕ 45mm sensor support Telecentric lens



Supports major large format sensor

25MP: 4.5 μ m/pix (ϕ 32.5mm) 29MP: 5.5 μ m/pix (ϕ 43.8mm)

71MP: 3.1 μ m/pix (ϕ 38mm)



VS TECHNOLOGY
MACHINE VISION OPTICS

Features

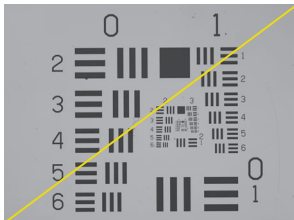
- Large sensor Telecentric lens supports up to $\phi 45\text{mm}$
- Using area type LED lighting for in-built coaxial lighting to produce high uniformity
- High NA and contrast
- Achieve long working distance



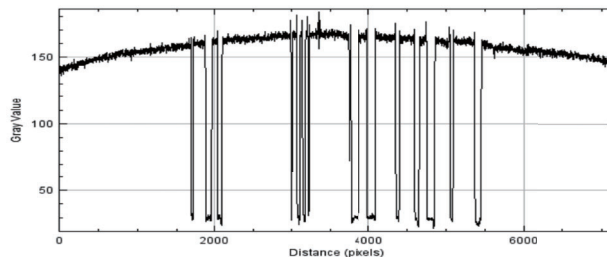
Model	Mag.	Coaxial	NA	WD(mm)	O/I mm	Max Sensor
VS-LTC1-130-45/FS	1.0x	-	0.078	130	411.5	$\phi 45\text{mm}$
VS-LTC1-130-45CO/FS	1.0x	○	0.078	130	411.5	$\phi 45\text{mm}$
VS-LTC2-130-45/FS	2.0x	-	0.12	130	499.8	$\phi 45\text{mm}$
VS-LTC2-130-45CO/FS	2.0x	○	0.12	130	499.8	$\phi 45\text{mm}$

Testing data for using our LED lighting with VS-LTC Series

Camera : 5120x5120
4.5 $\mu\text{m}/\text{pix}$ ($\phi 32.5\text{mm}$)



Lighting uniformity



Our LED lighting
(Emitting area 32x32mm)



Applications

