

8K high resolution line scan lens

LS-L-8K series · Line scan lenses · 7 models



8K high resolution line scan lenses: large image sensor coverage up to dia. 62mm image plane, for 8K 5um / 7um line scan cameras, V mount design, magnification 0.01-3X across models.

Features

- Large image sensor can cover dia. 62mm image plane
- Supporting 8K 5um / 7um high resolution line scan camera
- V mount design, stable, reliable and flexible
- Have 0.01 - 3 double (magnification), multiple models

Applications

- Printing inspection
- Glass cover-plate inspection
- AOI
- Photovoltaic inspection

Common specifications

Resolution 8K line scan

Ordering code: LS-L<focal length><aperture>

Models

Model	Centre magnification	Focal length (mm)	Magnification (X)	Max. supporting target surface (mm)	Aperture F/#	Distortion (%)	Relative illuminance (%)
LS-L3545	0.08	35	0.04-0.1	dia. 28	1:4.5~16	<0.05	>80
LS-L4028	0.1	40	0.1-0.3	dia. 43	1:2.8~11	<0.5	>35
LS-L4056	0.167	40	0.04-0.32	dia. 60	1:5.6~22	<0.6	>55
LS-L6040	0.167	60	0.04-0.33	dia. 62	1:4~22	<0.1	>45
LS-L6056	0.167	60	0.04-0.32	dia. 82	1:5.6~22	<0.6	>55
LS-L8056	0.3	80	0.2-3	dia. 62	1:5.6~22	<0.05	>80
LS-L9040	0.2	90	0.15-3	dia. 82	1:5.6~22	<0.05	>70

More values per model (WD (mm), Conjugate distance (mm), Image space resolution (um), Mount, Sensor format,

Working distance (mm)) are on each product page.

Performance

