

12K line scan lens

LS-12K series · Line scan lenses · 7 models



Line scan lenses with max image circle up to dia. 66 mm, suitable for 8K/12K line scan cameras, standard magnification 0.2x to 1.24x, big aperture F4.5 and ultra-low optical distortion.

Features

- Max image circle is up to dia. 66
- Suitable for 8k/12k line scan cameras
- Standard magnification from 0.2x to 1.24x
- Big aperture, FNO.4.5
- Ultra-low optical distortion

Applications

- Industrial: height - detecting metal markings
- Liquid crystal, semiconductor: count - SD card number calculation
- Liquid crystal, semiconductor: geometrical measurement - detect IC wire bending
- Industrial: height - detecting metal markings

Common specifications

Focal length	116mm
Max image size	dia. 62
Mount	V-Mount
Distortion	<0.005%
Line scan format	12K 5μ
Note	Feature text says max image circle dia. 66 mm; header box and table give dia. 62.

Models

Model	Standard magnification	Optical distortion	Working distance	Conjugate distance	Flange distance
LS-LS1202A	0.2X	<0.01%	652.4	824.9	122.8
LS-LS1203A	0.33X	<0.005%	415.1	599.7	134.9

LS-LS1205A	0.5X	<0.01%	291.7	491	149.6
LS-LS1207A	0.75X	<0.005%	209.8	429.85	170.3
LS-LS1208A	0.806X	<0.005%	203.8	434.66	181.2
LS-LS1210A	1X	<0.05%	164.2	400.56	186.7
LS-LS1212A	1.24X	<0.005%	149.9	434.66	232.2

More values per model (EFL, Image size (dia.), F/NO, Filter size, Sensor format, Aperture) are on each product page.

Dimensions

