

16K line scan lens 120 mm fixed-magnification (LBS12016K-0xx)

LENS-LBS12016K series · Machine vision lenses · 10 models

16K Line Scan Lens.

Features

- Large image format $\Phi 82\text{mm}$
- Uniform imaging
- Shock-resistant focusing locking mechanism
- Aperture: uniform center & edge brightness



Common specifications

Focal length (mm)	120
Resolution (μm)	16K5 μm
Iris (F/#)	4.0-16
Filter screw size	M48 * P0.75
Mount	M58\M72\M90\M95

Models

Model	Magnification (x)	Working distance (mm)	Conjugate distance (mm)	Distortion (%)
LS-LBS12016K-033	0.33	529	730	0.05
LS-LBS12016K-035	0.35	505	704	0.06
LS-LBS12016K-042	0.42	444	654	0.07
LS-LBS12016K-046	0.46	413	635	-0.03
LS-LBS12016K-050	0.50	393	614	-0.05
LS-LBS12016K-060	0.60	351	587	-0.14
LS-LBS12016K-070	0.70	323	573	-0.18
LS-LBS12016K-080	0.80	301	564	-0.22
LS-LBS12016K-090	0.90	283	560	-0.23
LS-LBS12016K-100	1.00	270	559	-0.22