

6 mm F1.6 6 MP C-Mount Machine Vision Lens, 1/1.7"

LS-XF0624 series · Machine vision lenses · 1 model



6 mm, 1/1.7", 6 MP C-mount machine vision lens. F1.6 with manual iris and focus locks, 0.15 m minimum object distance and 0.35% distortion in a 39 mm aluminium body with 9 glass elements.

Features

- Wide 69 x 54 degree field of view on a 1/1.8" sensor
- Manual iris and focus with locking screws
- Low distortion (0.35%)
- Compact aluminium body, 39 mm diameter

Common specifications

Focal length	6.0 mm
Format size (")	1/1.7
Aperture	F1.6
Mount	C
Angle of view, 1/1.8" (H x V)	69.13 x 54.28 deg
Angle of view, 1/2" (H x V)	61.59 x 48.35 deg
Angle of view, 1/3" (H x V)	46.20 x 36.27 deg
Back focal length (mm)	17.53
Iris	Manual, lockable
Resolution	6 MP
Minimum object distance (m)	0.15
Distortion (%)	0.35
Filter screw size	M37 (pitch 0.5 per the spec sheet, 0.75 per the drawing)
Dimensions (mm)	dia. 39 x 41.5
Weight (g)	95.8
Construction	Aluminium alloy, 9 glass elements

Models

Model

LS-XF0624

Dimensions

