

6 mm F2.8 6 MP C-Mount Machine Vision Lens, 1/1.8"

LS-YT60016-6MP series · Machine vision lenses · 1 model

Low-distortion 6 mm fixed-focal-length C-mount lens for 6 MP cameras with sensors up to 1/1.8". A wide 74.8 degree diagonal field of view and 0.08 m minimum object distance suit close-range inspection of large parts; lockable focus and iris hold settings on vibrating machines.



Features

- 6 MP resolution, 1/1.8" image circle
- Wide 63.5 x 44.8 degree field of view (1/1.8" sensor)
- Low TV distortion, -0.04% at 0.3 m
- Locking focus and iris rings

Common specifications

Focal length	6 mm (5.94 mm at MOD, 6.07 mm at infinity)
Aperture	F2.8 - F16
Mount	C-mount (flange back 17.526 mm)
Sensor format	Up to 1/1.8" (image circle 9.4 mm)
Resolution	6 MP
Field of view (1/1.8")	63.5 H x 44.8 V x 74.8 D degrees
Minimum object distance	0.08 m
Distortion (TV)	-0.23% at MOD, -0.04% at 0.3 m
Relative illumination	63%
Construction	11 elements in 9 groups
Length	57.9 mm (at infinity)
Net weight	67 g
Compliance	RoHS

Models

Model

LS-YT60016-6MP
