

1.8 – 3.6 mm lens, 1/3", CS-mount

LS-ZML-0019 series · Machine vision lenses · 1 model

Machine vision lens for industrial cameras. Rendered illustration: the actual product may differ in appearance.



Common specifications

Focal length	1.8-3.6 mm
Max. sensor format	1/3"
Mount	CS-mount
Aperture (F)	F1.6-F16C
Operating temperature	-20 to +50 °C
Angle of view 1/3" (d/h/v)	173.8°-99.0° / 144.2°-79.4° / 109.9°-59.6°
Angle of view 1/4" (d/h/v)	135.8°-74.4° / 109.5°-59.6° / 82.3°-44.7°
Aov @ 1/3" h°xv°xd°	144.2 × 109.9 × 173.8° 79.4 × 109.9 × 99.0°
Aov @ 1/4" h°xv°xd°	109.5 × 82.3 × 135.8° 59.6 × 44.7 × 74.4°
Back focal length	Tele 10.5 mm / Wide 7.0 mm
Control (iris/focus/zoom)	Manual / Manual / Manual
Dimensions (dia. x length, mm)	37.4 x 51
Effective lens aperture	Front Ø22.0 mm / Rear Ø7.9 mm
Flange back length	12.5 mm (in air)
Focus control	Manual
Focus range	0.2 m - Inf.
Front diameter	22 mm
Image circle	6 mm
Image size dimensions	4.8 mm x 3.6 mm
Iris control	Manual
Lens type	Variable Focal Length
Max aperture ratio	1:1.6
Max image format	4.8 x 3.6 mm (Ø6 mm)
Mount thread	1-32 UNF
Object dimension at mod	1.8mm: 123.8 x 56.5 cm; 3.6mm: 33.2 x 22.9 cm
Operating temperature range	10 to +50 °C
Rear diameter	Ø12.6
Rear effective diameter	7.9 mm
Resolution (MP)	5
Spectrum	Visible
Thumb screw labels	N, T
Thumb screw reach from axis	23 mm
Type	2X vari-focal, manual iris
Zoom control	Manual
Zoom range	1.8 - 3.6 mm
Weight (g)	68

Models

Model

LS-ZML-0019

Product views

