

HF0420M

1/1.8" 4 mm FA Lens

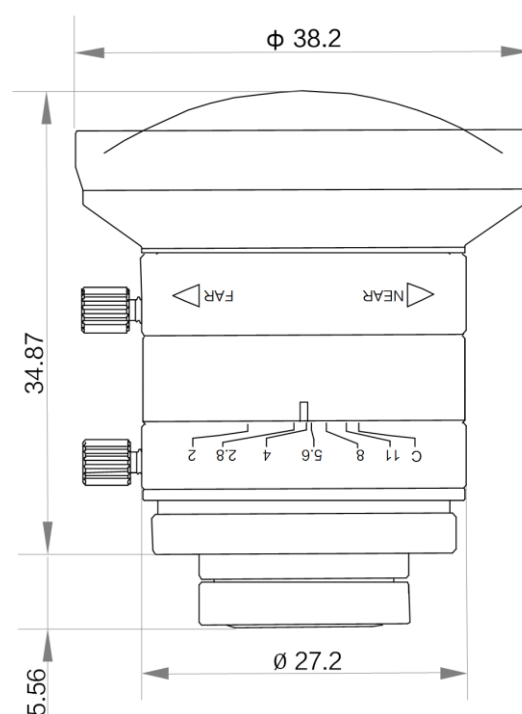
FA Lens are optimized for machine vision light sources and sensors, with high resolution, excellent image uniformity, high transmittance and good stability. Featured with fixed focal length, manual aperture and compact size, it is suitable for machine vision industry applications.



Key Features

- High image clarity, support for 5 megapixel cameras
- Maximum aperture F2.0
- Large field of view, low distortion
- Compact size for miniaturized equipment integration

Dimension



Unit: mm

Specification

Model	HF0420M
Performance	
Focal length	4 mm
F-number	F2.0 to C
Image size	Ø9 mm (1/1.8")
Optical distortion	0.5%
Minimum object distance	0.1 m
Field of view	D (9 mm): 94° H (7.2 mm): 82.9° V (5.3 mm): 66.5°
Mechanical	
Iris control	Manual
Focus control	Manual
Mount	C-mount
Flange back length	17.526 mm
Dimension	Ø38.2 mm × 34.87 mm (Ø1.5" × 1.4")
Weight	61.5 g (0.1 lb.)
Temperature	-10 °C to 50 °C (14 °F to 122 °F)
General	
Certification	RoHS 2.0