

AF5528-M42

APS-C 55mm Focal Length FA LENS

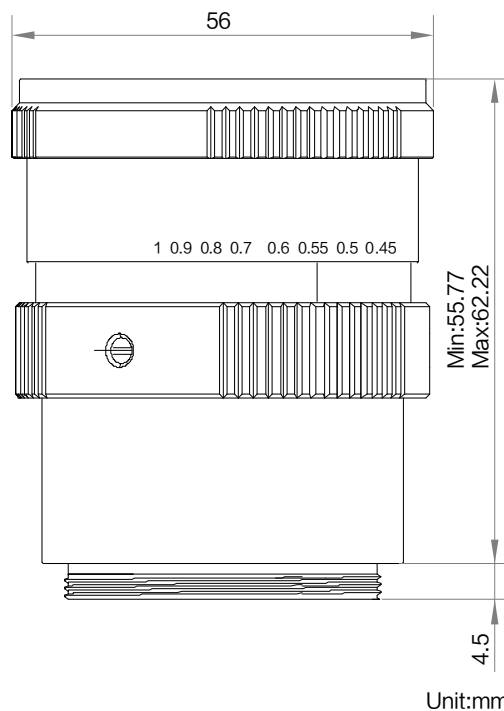
The APS-C fixed-focus lens are optimized for the application of large pixel line scan cameras in the machine vision industry, with excellent imaging quality, high image uniformity and low distortion design, magnification range from 0.04x to 0.137x. It is suitable for defect detection applications in PCB, packaging and printing industry.



Key Features

- Ultra-high resolution and consistency of image clarity
- Large aperture and low distortion
- Maximum image circle $\phi 28\text{mm}$, applicable to APS-C area scan and 4K $7\mu\text{m}$ line scan cameras

Dimension



Specification

	Model	AF5528-M42
Parameter		Fixed focal length, Fixed iris, APS-C lens
Performance		
Focal Length		55 mm
F-Number		F2.8
Image Size		Φ28 mm
Distortion		-0.54%
Minimum Operation Distance		0.45 m
Magnification Range		0.04x ~ 0.137x
Field of View		4K 7μm (28.7 mm): 29°
Mechanical		
Iris Control		Fixed
Focus Control		Manual
Filter Thread		M52*0.75
Mount		M42 × P1
Flange Back Length		12 mm
Dimension		Φ56 × 62.22 mm
Weight		278.1 g
Temperature		-10 ~ 50°C
General		
Certification		RoHS2.0