



by EDA Technology Co., Ltd

built: 2025-08-01

ED-LENS-M12-202500-05

1/2" 5 Megapixel wide range M12 lens

Overview

ED-LENS-M12-202500-05 lens can be used on various cameras with M12 interfaces. This 25mm M12 lens provides a 14.7° Horizontal Field of View on 1/2" sensors.

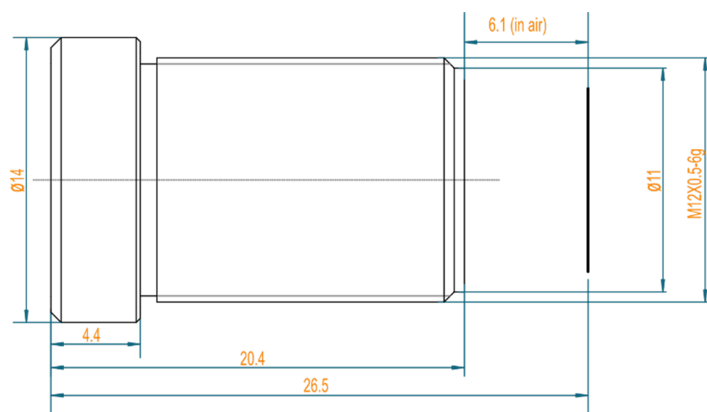


Specifications

Resolution		5 Megapixel		
Optical format		1/2"		
TTL (Total Track Length)		26.50mm		
EFL (Effective Focal Length)		25mm		
Aperture		F2.4		
Mount		M12		
FOV (Field of View) DxHxV		1/2"	1/3"	1/4"
	D	18.3°	13.8°	10.4°
	H	14.7°	11.1°	8.3°
	V	11.1°	8.3°	6.3°
Optical Distortion		1.13%	0.64%	0.36%
CRA (Chief Ray Angle)		≤7.4°		
MOD (Minimum Object Distance)		0.3m		
BFL (Back Focal Length)		11.98mm		
MBF (Mechanical Back Focal)		6.1mm		

Structure	6G	
Operation	Focus	Manual
	Iris aperture	Fixed
Dimension (mm)	Φ14×20.4	
Weigh (g)	5	
Working Temperature	-20°C to +60°C	

Mechanical Drawing



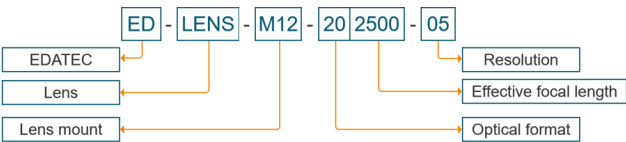
Unit	mm
Size Tolerance	0-10±0.1, 10-30±0.3, 30-120±0.5
Angle Tolerance	±2°

Actual Photo

Below picture was taken by camera module with this lens in the lab, it just gives a reference about the Field of View and resolution of the lens, it may be different with the pictures taken in different light environment and other different conditions.



Ordering Code



Example

P/N : ED-LENS-M12-202500-05
Configuration : EDATEC selected a wide angle of 5 Megapixel M12-mount lens for Camera module, this 25mm M12 lens provides a 14.7° Horizontal Field of View on 1/2" sensors.

Selection Guide

More details about Ordering Code, please check [Selection Guide](#).