



# **ED-LENS-M12-203500-08**

## Datasheet

by EDA Technology Co., Ltd

built: 2025-08-22

# ED-LENS-M12-203500-08

1/2" 8 Megapixel wide range M12 lens

## Overview

ED-LENS-M12-203500-08 lens can be used on various cameras with M12 interfaces. This 35mm M12 lens provides a 10.1° Horizontal Field of View on 1/2" sensors.

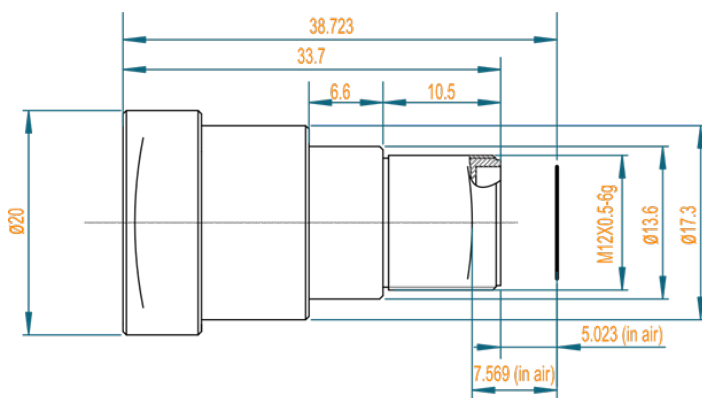


## Specifications

Resolution	8 Megapixel	
Optical format	1/2"	
TTL (Total Track Length)	38.72mm	
EFL (Effective Focal Length)	35mm	
Aperture	F2.4	
Mount	M12	
FOV (Field of View) DxHxV		1/2"
	D	12.6°
	H	10.1°
	V	7.6°
Optical Distortion	-0.71%	
CRA (Chief Ray Angle)	≤13.2°	
MOD (Minimum Object Distance)	1m	
BFL (Back Focal Length)	7.569mm	
MBF (Mechanical Back Focal)	5.023mm	

Structure	8G	
Operation	Focus	Manual
	Iris aperture	Fixed
Dimension (mm)	Φ20×33.7	
Weigh (g)	14.3	
Working Temperature	-20°C to +70°C	

## Mechanical Drawing



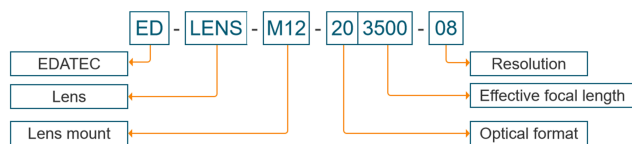
Unit	mm
Size Tolerance	0-10±0.1, 10-30±0.3, 30-120±0.5
Angle Tolerance	±2°

## 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-M12-203500-08**

**Configuration :** EDATEC selected a wide angle of 8 Megapixel M12-mount lens for Camera module, this 35mm M12 lens provides a 10.1° Horizontal Field of View on 1/2" sensors.

## Selection Guide

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