



ED-LENS-C-303500-10

Datasheet

by EDA Technology Co., Ltd

built: 2025-09-05

ED-LENS-C-303500-10

2/3" C-Mount 35mm Focal Length Lens

Overview

ED-LENS-C-303500-10 is a C-Mount lens compatible with the Raspberry Pi HQ Camera module. With a 35mm focal length, it supports manual focus and adjustable aperture, providing a 14.8° Horizontal Field of View on 2/3" sensors.

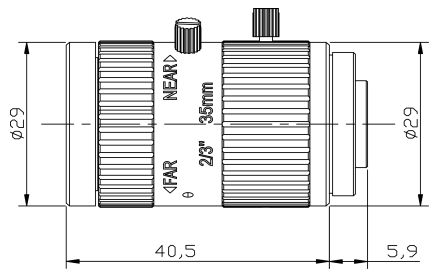


Specifications

Resolution		10 Megapixel		
Optical format		2/3"		
EFL (Effective Focal Length)		35mm		
Aperture		F2.8-F16, adjustable		
Mount		C-Mount		
Filter Thread		M27×P0.5		
FOV (Field of View) DxHxV		2/3"	1/2"	1/3"
	D	18.39°	13.4°	10.1°
	H	14.8°	10.8°	8.1°
	V	11.1°	8.1°	6.1°
TV Distortion		-0.172%	-0.077%	-0.0450%
MOD (Minimum Object Distance)		0.2m~∞		
BFL (Back Focal Length)		13.63mm		
Operation		Focus	Manual	

	Iris aperture	Manual
Dimension (mm)	Φ29×46.4	
Weigh (g)	65	
Working Temperature	-20°C to +60°C	

Mechanical Drawing



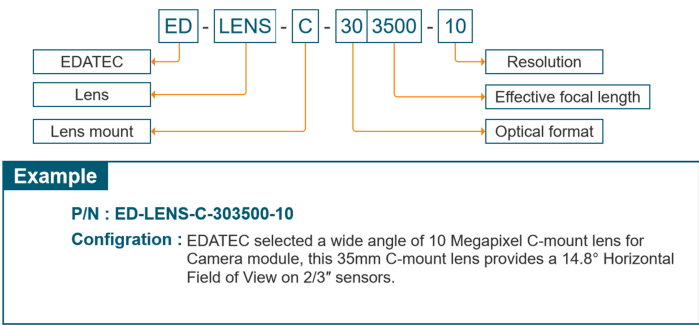
Unit	mm
Size Tolerance	0-10±0.05, 10-30±0.10, 30-120±0.20
Angle Tolerance	±2°

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



Selection Guide

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