



ED-LENS-C-302500-10

Datasheet

by EDA Technology Co., Ltd

built: 2025-09-05

ED-LENS-C-302500-10

2/3" C-Mount 25mm Focal Length Lens

Overview

ED-LENS-C-302500-10 is a C-Mount lens compatible with the Raspberry Pi HQ Camera module. With a 25mm focal length, it supports manual focus and adjustable aperture, providing a 19.94° Horizontal Field of View on 2/3" sensors.

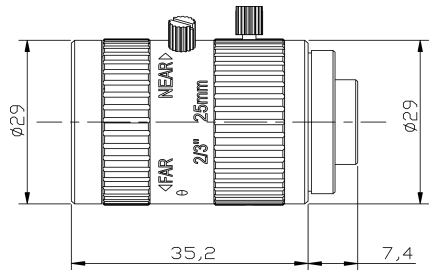


Specifications

Resolution		10 Megapixel		
Optical format		2/3"		
EFL (Effective Focal Length)		25mm		
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	24.78°	18.16°	13.67°
	H	19.94°	14.57°	10.9°
	V	15.0°	11.0°	8.2°
TV Distortion		-0.016%	-0.019%	-0.013%
MOD (Minimum Object Distance)		0.15m~∞		
BFL (Back Focal Length)		10.31mm		
Operation	Focus	Manual		
	Iris aperture	Manual		
Dimension (mm)		Φ29×42.6		

Weigh (g)	55
Working Temperature	-20°C to +60°C

Mechanical Drawing



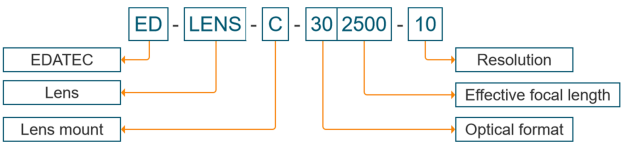
Unit	mm
Size Tolerance	0-10±0.05, 10-30±0.10, 30-120±0.20
Angle Tolerance	±2°

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



Example

P/N : ED-LENS-C-302500-10
Configuration : EDATEC selected a wide angle of 10 Megapixel C-mount lens for Camera module, this 25mm C-mount lens provides a 19.94° Horizontal Field of View on 2/3" sensors.

Selection Guide

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