

AE-USB3.0-IMX577-C-87

12MP USB 3.0 Camera Module

Overview:

The Appleeye 12MP USB3.0 Board Camera Module is based on the SONY IMX577 CMOS image sensor that provides an output of 4072×3064 (12.3MP) Effective pixels with an electronic rolling shutter.

It adopts Sony's Stacked CMOS Image Sensor technology to achieve high speed image capturing by column parallel A/D converter circuits and high sensitivity and low noise image through the backside illuminated imaging pixel structure.

Main features:



Image Sensor: 1/2.3" CMOS IMX577



Shutter type: Electronic rolling shutter



Resolution: 12.0 Megapixel



Interface: USB 3.0



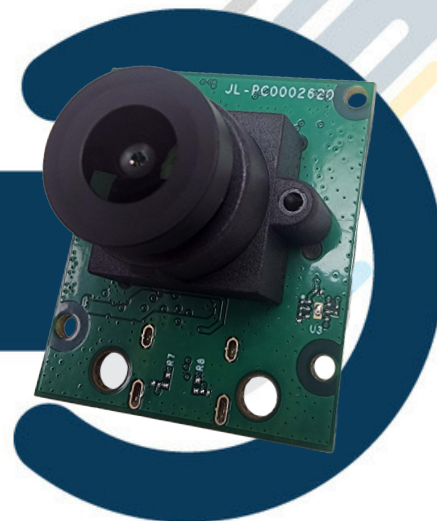
FOV: H87°



Focus type: Fixed Focus



Dimensions: 22x22X25.5mm



Customization options:

- Lens (FOV, F#, Distortion etc.)
- PCB size, Connector/ Pin
- Assignment



Target application:

- FA cameras
- Surveillance
- Industrial