

AE-USB2.0-IMX415-C-80

8MP USB2.0 Board Camera Module



Overview:

The Appleeye 8.46MP USB2.0 Camera Module is based on the Sony IMX415-AAQR CMOS rolling shutter image sensor that can generate a full resolution of 3840 (H) x 2160 (V) pixels.

This module has high dynamic range (HDR) function, low power consumption, high sensitivity and low dark current. It has an electronic shutter function with a variable charge-integration time. The AE-USB2.0-IMX415-C-80 generates full resolution of 3840 (H) x 2160 (V) images up to 30 frame per second (fps).

Using 80-degree horizontal field of view lens the AE-USB2.0-IMX415-C-80 provides outstanding image quality and is suitable for a wide variety of applications.

Main features:



Image Sensor: 1/2.8" CMOS IMX415



Shutter type: Electronic rolling shutter



Resolution: 8.0 Megapixel



Interface: USB 2.0



FOV: D88° H80° V51°



Focus type: Fixed Focus



Dimensions: 38x38X31mm



Customization options:

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



Target application:

- FA cameras
- Surveillance
- Industrial