

AE-CCM-AR0823AT-C-129

8MP Color MIPI Compact Camera Module

Overview:

The Appleeye 8MP MIPI CCM is based on the onsemi AR0823AT CMOS image sensor that delivers a full resolution of 3840 (H) × 2160 (V) pixels at up to 60 frames per second.

This sensor supports ultra-high dynamic range (HDR) and LED flicker mitigation (LFM), enabling excellent performance in scenes with both bright and dark areas.

Using a 129-degree horizontal field of view lens, the AE-CCM-AR0823AT-C-129 provides outstanding image quality and is suitable for a wide variety of applications.

Main features:



Image Sensor: 1/1.8" AR0823AT RGB



Shutter Type: Electronic rolling shutter



Resolution: 8 Megapixel



Interface: MIPI



FOV: D154° H129° V88°



Focus type: Fixed Focus



Dimensions: 20x20x47.05mm



Customization options:

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



Target application:

- Automotive
- Industrial Cameras
- Robotics
- Agriculture
- Sport Analytics