

AE-CCM-AR2020-C-80

20MP Rolling Shutter MIPI Compact Camera Module

Overview:

The Appleeye 20MP CCM is based on the Onsemi AR2020CSSC13SMTA0-DP-E CMOS image sensor that provides an active resolution of 5120 (H) × 3840 (V) pixels which produces high resolution and low noise images.

The Appleeye AE-CCM-AR2020-C-80 module supports high dynamic range via LI-HDR and eDR, with rolling-shutter readout and multi-sensor synchronization.

Using a 80-degree horizontal field of view lens, the AE-CCM-AR2020-C-80 provides outstanding image quality and is suitable for a wide variety of applications.

Main features:



Image Sensor: 1/1.8" AR2020 RGB



Shutter Type: Electronic rolling shutter



Resolution: 20 Megapixel



Interface: MIPI



FOV: D94° H80° V60°



Focus type: Fixed Focus



Dimensions: 20x20x28.52mm



Customization options:

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



Target application:

- Surveillance Camera
- Machine Vision
- Video Conferencing
- 3D and Stereo Imaging