

AE-CCM-AR2020-C-56-AF

Autofocus RGB MIPI Compact Camera Module

Overview:

The 20MP AE-CCM-AR2020-C-56-AF is a Compact Camera Module equipped with an ON Semiconductor sensor AR2020 1/1.8-inch back side illuminated CMOS active-pixel digital image sensor with a pixel array of 5120(H) x 3840(V). AE-CCM-AR2020-C-56-AF has enhanced NIR response and can generate full resolution image at up to 60 frames per second (fps) in 10-bit linear mode. The module can achieve 30 fps in line-interleaved high dynamic range (LI-HDR) and enhanced Dynamic Range (eDR) modes.

Using a 56-degree Horizontal field of view Auto focus lens, the AE-CCM-AR2020-C-56-AF 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: D69° H56° V43°



Focus type: Auto-focus



Dimensions: 22.2X22.2X24.17mm



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