

AE-CCM-GS-MIRA050-M-80

0.5 MP Monochrome Global Shutter MIPI Compact Camera Module

Overview:

The AE-CCM-GS-MIRA050-M-80 is a compact camera module equipped with AMS-OSRAM MIRA050 0.5-megapixel 1/7" Monochrome global shutter small size image sensor, which is optimized for visible and near-infrared applications.

AE-CCM-GS-MIRA050-M-80 CCM can generate a full resolution (600x800) image at up to 120 frames per second (FPS). With an extremely small form factor of 5mm x 5mm, AE-CCM-GS-MIRA050-M-80 is ideal for spaceconstrained designs that demand high performance in a minimal footprint.

Using a 80-degree horizontal field of view Fixed Focus lens, AE-CCM-GS-MIRA050-M-80 achieves an outstanding image quality in the visible and the near infrared region (850nm, 940 nm) and is suitable for a wide variety of applications.

Main features:



Image Sensor: 1/7" MIRA050 Mono



Shutter Type: Global shutter



Resolution: 0.5 Megapixel



Interface: MIPI



FOV: V65°H80°D93°



Focus type: Fixed focus



Dimensions: 5X5X2.95mm



Customization options:

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



Target application:

- AR/VR
- Personal and Industrial small size robots
- Biometrics and gestures
- Barcodes