

AE-CCM-GC4023-C-114-FF

4MP RGB Parallel 8-bit Compact Camera Module

Overview:

The AE-CCM-GC4023-C-114-FF is a compact camera module equipped with a Galaxy Core sensor GC4023CSP 1/2.7-inch 4MP RGB CMOS image sensor digital camera products.

The AE-CCM-GC4023-C-114-FF features an active pixel array with on-chip 10-bit ADC, delivering high image quality and strong low-light performance. It outputs RAW10 and RAW8 via a 2-lane MIPI CSI-2 interface, supporting up to 60 fps at 1080p.

The module is equipped with an IR-corrected lens and a switchable IR-cut filter, enabling reliable day and night operation. The lens assembly is IP65-rated, providing protection against dust and water ingress for outdoor and harsh-environment applications.

Using a wide 114-degree Horizontal field of view lens, the AE-CCM-GC2145-C-69 provides sharp, detailed, and wide-area image capture, making it suitable for compact devices requiring large scene coverage.

Main features:



Image Sensor: 1/2.7" GC4023 RGB



Shutter type: Electronic rolling shutter



Resolution: 4 Megapixel



Interface: MIPI CSI-2



FOV: D133° H114° V63°



Focus type: Fixed Focus



Dimensions: 16.8X24X24.79mm



Customization options:

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



Target application:

- Video telephony and conferencing equipment
- Security systems