

AE-CCM-IMX219-C-99

8MP RGB MIPI Compact Camera Module

Overview:

The AE-CCM-IMX219-C-99 is a compact camera module equipped with the Sony IMX219PQH5-C, a 1/4-inch 8-megapixel RGB CMOS image sensor designed for high-quality imaging in portable and embedded applications.

The AE-CCM-IMX219-C-99 features an active pixel array with on-chip 10-bit ADC, delivering high sensitivity, low noise, and excellent color reproduction. It supports RAW10 and RAW8 output formats via a MIPI CSI-2 interface (2 lanes) and achieves up to 60 fps at 1080p or 30 fps at full resolution (8MP).

Using a wide 99-degree horizontal lens, the AE-CCM-IMX219-C-99 captures detailed, sharp, and wide-area images suitable for both still and video applications.

Main features:



Image Sensor: 1/4" IMX219PQH5-C
RGB CMOS



Shutter Type: Electronic rolling
shutter



Resolution: 8 Megapixel



Interface: MIPI



FOV: D120° H99° V80°



Focus type: Fixed Focus



Dimensions: 8.5x8.5x5.15mm



Customization options:

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



Target application:

- Video telephony and conferencing equipment
- Notebook and desktop PC cameras
- AI vision modules