



AE-CCM-GS-VD55G1-M-65

0.56MP, Monochrome Global Shutter, MIPI Compact camera module

Overview:

The AE-CCM-GS-VD55G1-M-65 is a Compact camera module equipped with STMicroelectronics VD55G1 0.56-megapixel 1/10" Monochrome global shutter small size image sensor, which is optimized for visible and near-infrared scenes.

The AE-CCM-GS-VD55G1-M-65 CCM can generate a full resolution (804x704) image up to 168 frames per second (FPS) and can operate at a very low power consumption. Using a 66-degree horizontal field of view fixed focus lens, the AE-CCM-GS-VD55G1-M-65 provides outstanding image quality both in the visible and the near infrared region (850nm, 940 nm) and is suitable for a wide variety of applications.

Main features:



Image Sensor: 1/10" VD55G1 Mono



Shutter type: Global shutter



Resolution: 0.56 Megapixel



Interface: MIPI



FOV: D82° H66° V60°



Focus type: Fixed Focus



Dimensions: 5x5x3.3mm



Customization options:

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



Target application:

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