

MV-CB060-10UM-C 6MP, 1/1.8" CMOS, Board Level USB3.0 Camera

USB
VISION™



The Hikvision MV-CB060-10UM-C 6 MP 1/1.8" CMOS Board Level USB3.0 Camera is a high quality device that can be used in a variety of applications, including electronic semiconductor fabrication, factory automation, quality inspection.

Key Features

- Single board design, flexible configuration.
- USB 3.0 interface provides 3Gbps bandwidth.
- Supports auto exposure control, LUT and gamma correction.
- Cameras can be synchronized with hard trigger and soft trigger.
- Different exposure modes.
- Embed special color interpolation algorithm which reproduces color performance better and supports auto white balance function.
- Compatible with USB 3.0 vision (V1.0), can be supported by third party software.

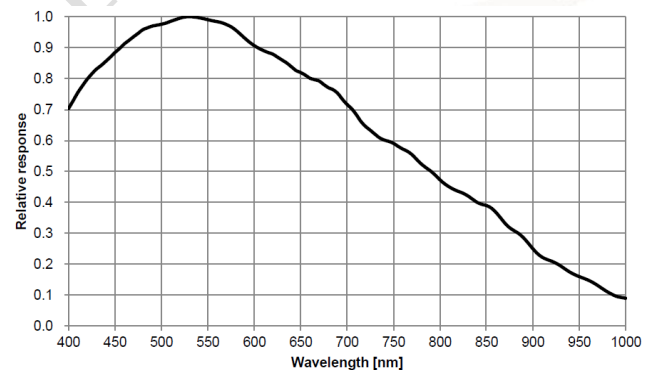
Application Scenarios

- Electronic semiconductor
- Factory automation
- Quality Inspection

Order Models

MV-CB060-10UM-C

Spectral Response



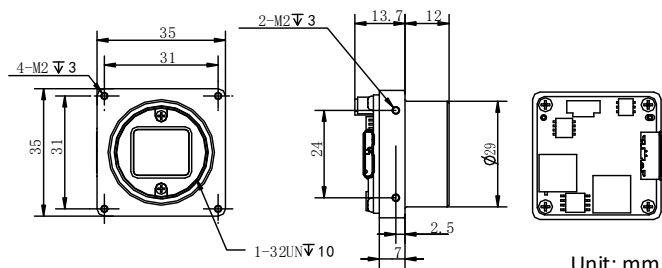
Specifications

Model	MV-CB060-10UM-C
Parameters	6MP, 1/1.8" CMOS, Board Level USB3.0 Camera
Camera	
Sensor	IMX178
Pixel Size	2.4 μm ×2.4 μm
Sensor Size	1/1.8"
Resolution	3072×2048
Frame Rate	17fps
Dynamic Range	>65dB
SNR	>40dB
Gain Range	0-20dB
Exposure Time	27 μs -2.5sec
Shutter Mode	Rolling Shutter. Auto-Exposure, Manual Exposure, and One-Key Exposure
Data Interface	USB3.0
General Purpose I/O	Bi-directional non-isolated I/O×2
Data Format	Mono 8/10/10p/12/12p
General	
Power	<1.5W@5VDC, Voltage 5VDC, USB3.0 power supply supported
Temperature	Working Temperature 0~50 $^{\circ}\text{C}$, Storage Temperature -30~70 $^{\circ}\text{C}$
Dimension	35mm×35mm×13.7mm
Weight	Approx. 24g
Lens Interface	C-Mount
Software	MVS or Third-Party Software supporting USB3.0 Vision Protocol
Operating System	Windows XP/7/10 32/64bits
Compliance	USB3.0 Vision
Certification	CE, FCC, RoHS

Recommended Accessories

- **Cable:** Micro USB 3.0 (B type) cable recommended

Dimensions



Unit: mm