

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



The Hikvision MV-CB060-10UM 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

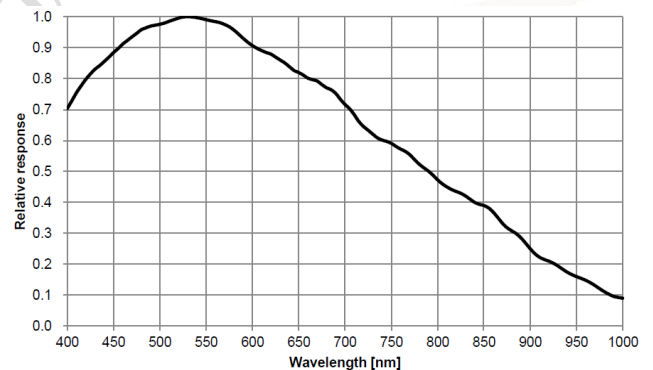
#### Application Scenarios

- Electronic semiconductor
- Factory automation
- Quality Inspection

#### Order Models

MV-CB060-10UM

#### Spectral Response



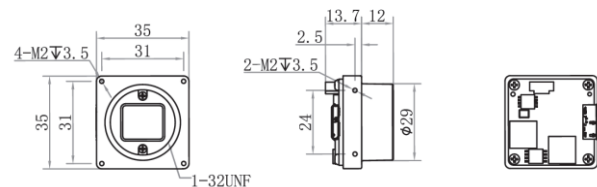
## Specifications

Model	MV-CB060-10UM
Parameters	6MP, 1/1.8" CMOS, Board Level USB3.0 Camera
<b>Camera</b>	
Sensor	IMX178
Pixel Size	2.4umx2.4um
Sensor Size	1/1.8"
Resolution	3072*2048
Frame Rate	50fps
Dynamic Range	>65dB
SNR	>40dB
Gain Range	0-20dB
Exposure Time	27μs-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
Image Buffer	128MB
Data Format	Mono 8/10/10p/12/12p
<b>General</b>	
Power	<2W@5VDC, Voltage 5~15VDC, USB3.0 power supply supported
Temperature	Working Temperature 0~50℃, Storage Temperature -30~80℃
Dimension	35mm×35mm×25.7mm
Weight	Approx. 37g
Lens Interface	C-Mount
Software	MVS or Third-Party Software supporting GigE Vision Protocol
Operating System	Windows XP/7/10 32/64bits
Compliance	USB3 Vision
Certification	CE, FCC, RoHS

### Recommended Accessories

- **Power:** 12VDC @1A power adapter
- **Cable:** Micro USB 3.0 cable recommended

### Dimensions



Unit: mm