

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

USB<sup>™</sup>  
VISION



The Hikvision MV-CB060-10UM-B 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.

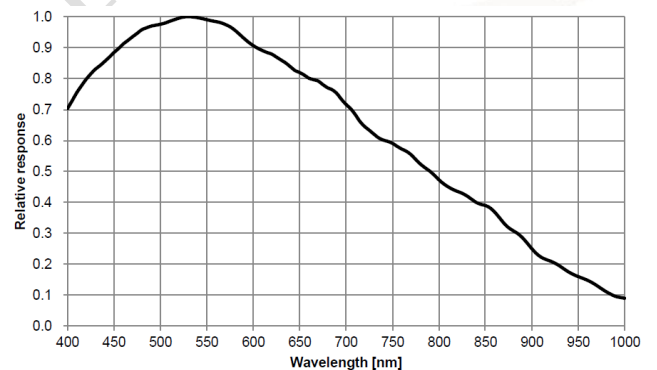
### Application Scenarios

- Electronic semiconductor
- Factory automation
- Quality Inspection

### Order Models

MV-CB060-10UM-B

### Spectral Response



## Specifications

| Model               | MV-CB060-10UM-B  |
|---------------------|--|
| Parameters          | 6MP, 1/1.8" CMOS, Board Level USB3.0 Camera                                    |
| <b>Camera</b>       |  |
| Sensor              | IMX178   |
| Pixel Size          | 2.4 $\mu$ m $\times$ 2.4 $\mu$ m   |
| Sensor Size         | 1/1.8"   |
| Resolution          | 3072 $\times$ 2048   |
| Frame Rate          | 17fps  |
| Dynamic Range       | >65dB  |
| SNR                 | >40dB  |
| Gain Range          | 0-20dB   |
| Exposure Time       | 27 $\mu$ s-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 $\times$ 2                                     |
| Data Format         | Mono 8/10/10p/12/12p   |
| <b>General</b>      |  |
| Power               | <1.5W@5VDC, Voltage 5VDC, USB3.0 power supply supported                        |
| Temperature         | Working Temperature 0~50 $^{\circ}$ C, Storage Temperature -30~70 $^{\circ}$ C |
| Dimension           | 35mm $\times$ 35mm $\times$ 8.6mm  |
| Weight              | Approx. 7g   |
| Lens Interface      | N/A  |
| 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

