

MV-CA050-11UM 5MP, 2/3" CMOS, USB 3.0 Camera



The Hikvision MV-CA050-10UM 5 MP 2/3" CMOS USB 3.0 Camera is a high quality device that can be used in a variety of applications, including electronic semiconductor fabrication, factory automation, quality inspection.

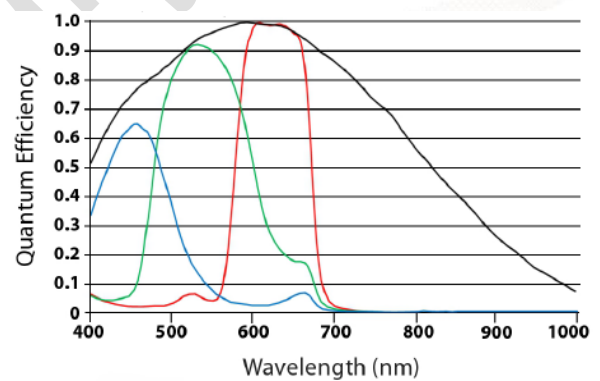
Key Features

- 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

Spectral Response



MV-CA050-11UM Quantum Efficiency

Order Models

Mono: MV-CA050-11UM



Specifications

Model	MV-CA050-11UM
Parameters	5MP, 2/3" CMOS, USB 3.0 Camera
Camera	
Sensor	IMX264
Pixel Size	3.45μm×3.45μm
Sensor Size	2/3"
Resolution	2448x2048
Frame Rate	35fps
Dynamic Range	>60dB
SNR	>40dB
Gain Range	0-15dB
Exposure Time	50μs-10sec
Shutter Mode	Global shutter. Auto-exposure, Manual exposure, and One-key exposure
Data Interface	USB 3.0
General Purpose I/O	Opto-isolated input x1, Opto-isolated output x1, Bi-directional non-isolated I/O x1
Data Format	Mono 8/10/10p/12/12p
General	
Power	Approx. 2.8W@12VDC, Voltage 5~15VDC, USB 3.0 power supply supported
Temperature	Working Temperature 0~50°C, Storage Temperature -30~70°C
Dimension	29mm×29mm×30mm
Weight	Approx. 56g
Lens Interface	C-Mount
Software	MVS or Third-Party Software supporting USB 3.0 Vision Protocol
Operating System	Windows XP/7/10 32/64bits
Compliance	USB 3.0 Vision
Certification	CE, FCC, RoHS

Recommended Accessories

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

Dimensions

