

MV-CA005-20GM/GC 0.5 MP 1/4" CMOS GigE Camera

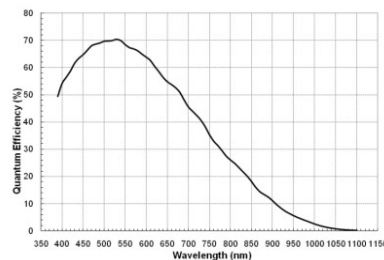
- Gigabit Ethernet (1 Gbps)
- 300 ft (100 m) Transmit Range w/o Relaying
- 128 MB On-Board Buffer, for Image Bursts
- Auto Exposure Control, LUT, Gamma Correction
- Synchronize Cameras with Hard/Soft Trigger
- Multiple Exposure Modes
- Special Color Algorithm, Auto White Balance
- GigE Vision v1.2 Compliant



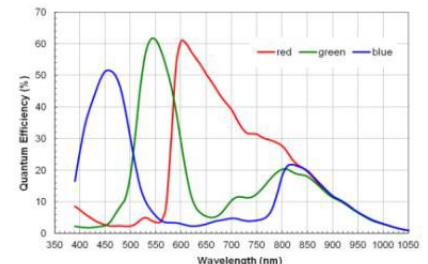
The Hikvision MV-CA005-20GM/GC 0.5 MP 1/4" CMOS GigE Camera is a high quality device that can be used in a variety of applications, including electronic semiconductor fabrication, factory automation, and quality inspection.

Available Models: Mono: MV-CA005-20GM
Color: MV-CA005-20GC

MV-CA005-20GM/GC Quantum Efficiency



MV-CA005-20GM Quantum Efficiency

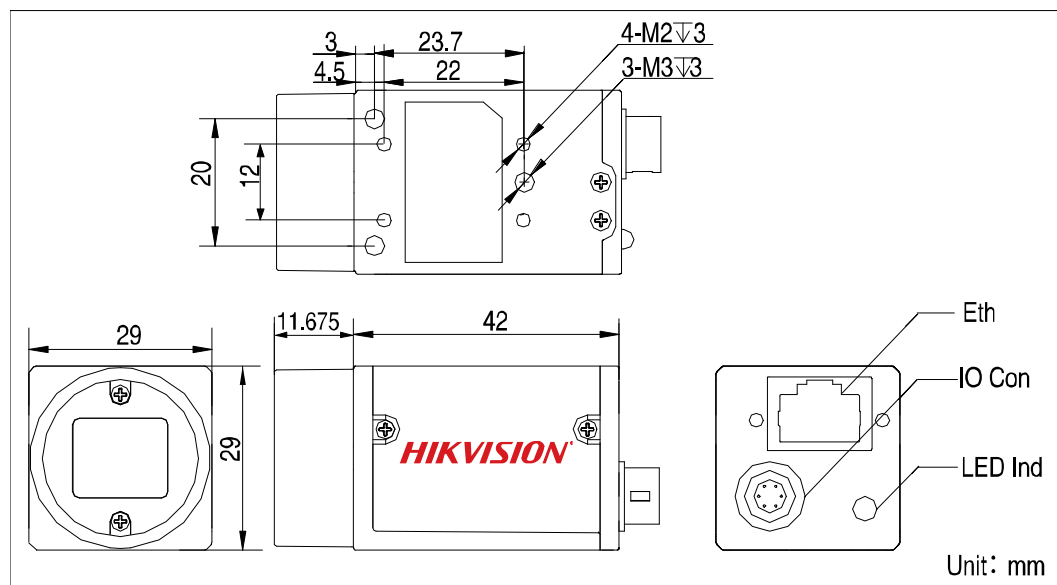


MV-CA005-20GC Quantum Efficiency

Specifications

	MV-CA005-20GM	MV-CA005-20GMC
Camera		
Camera Type	0.5 MP, 1/4" CMOS GigE camera	
Sensor	Python 480	
Shutter	Global shutter	
Resolution	808 × 608	
Pixel Size	4.8 μm	
Frame Rate	116 fps @ 640 × 480, Mono 8	116 fps @ 640 × 480, Bayer 8
Dynamic Range	>60 dB	
SNR	>40 dB	
Gain Range	0 to 15 dB	
Exposure Time	42 μs to 10 sec	
Shutter Mode	Global shutter: auto-exposure, manual exposure, and one-key exposure	
Network	Gigabit Ethernet	
General Purpose I/O	Opto-isolated input x 1, opto-isolated output x 1 Bi-directional non-isolated I/O x 1	
Image Buffer	128 MB	
Data Format	Mono 8	Mono 8/10/12, RGB 8, Bayer RG 8/10/10p/12/12p, YUV422, YUV422 (UYVY)
General		
Power	<3 W @ 12 VDC, voltage: 5–15 VDC, PoE supported	
Temperature	Working temperature: 32° to 122° F (0° to 50° C) Storage temperature: -22° to 158° F (-30° to 70° C)	
Dimensions	1.14" x 1.14" x 1.65" (29 mm × 29 mm × 42 mm)	
Weight	Approximately 2.4 oz (68 g)	
Lens Interface	C-mount	
Software	MVS or third-party software supporting GiGE Vision protocol	
Operating System	Windows XP/7/8 32-/64-bit	
Compliance	GigE Vision v1.2	
Certifications	CE, FCC, RoHS	

Dimensions



Recommended Accessories

- **Power Adapter:** 12 VDC @1 A
- **NIC:** Intel Pro1000 and above version
- **Network Cable:** CAT5e or CAT6 network cable