

MV-CA050-10GM/GC 5 MP 2/3" CMOS GigE Camera

- Gigabit Ethernet (1 Gbps)
- 300 ft (100 m) Transmit Distance 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**
- Enhanced Color w/Auto White Balance
- GigE Vision v1.2 Compliant

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

Available Models: Mono: MV-CA050-10GM

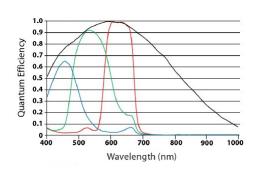
Color: MV-CA050-10GC



MV-CA050-10GM/GC Quantum Efficiency



Toll Free: 888-509-8455, Email: clientservice@integrys.com www.integrys.com







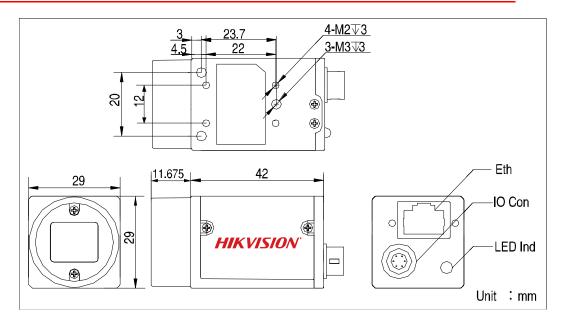


Specifications

Type 5 MP, 2/3" CMOS GigE camera Sensor Sony IMX264, 2/3" CMOS Shutter Global shutter Resolution 2448 × 2048 Pixel Size 3.45 µm × 3.45 µm Frame Rate 23.5 fps @ 2448 × 2048, Mono 8 Dynamic Range >60 dB SNR >40 dB Gain Range 0 to 17 dB Exposure Time 20µs 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 8/10/10p/12/12p Mono 8/10/12, Bayer RG 8/10/10p/12/12p, YUV422 (UYVY), YUV422, RGB 8 General Power 3.3 W @ 12 VDC, voltage 5 to 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) Dimension 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 C.F.CC. RoHS			
Sensor Sony IMX264, 2/3" CMOS Shutter Global shutter Resolution 2448 × 2048 Pixel Size 3.45 µm × 3.45 µm Frame Rate 23.5 fps @ 2448 × 2048, Mono 8 11.7 fps @ 2448 × 2048, YUV 23.5 fps @ 2448 × 2048, Bayer 8 Dynamic Range >60 dB SNR >40 dB Gain Range 0 to 17 dB Exposure Time 20jus to 10 sec Shutter Mode Global shutter: auto-exposure, manual exposure, and one-key exposure Network Gigabit Ethernet 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 8/10/10p/12/12p Mono 8/10/12, Bayer RG 8/10/10p/12/12p, YUV422 (UYVY), YUV422, RGB 8 General Power <3.3 W @ 12 VDC, voltage 5 to 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) Dimension 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 Windows XP7/8 32-/64-bit Compliance GigE Vision v1.2	Camera		
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Dynamic Range	Frame Rate	23.5 fps @ 2448 × 2048, Mono 8	11.7 fps @ 2448 × 2048, YUV
SNR		·	23.5 fps @ 2448 × 2048, Bayer 8
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General Purpose I/O Image Buffer Data Format Power Temperature Temperature Working temperature: -22° to 158° F (-30° to 70° C) Dimension Weight Lens Interface Software Operating System Compliance GigE Vision v1.2 Opto-isolated input x 1, opto-isolated output x 1, bi-directional non-isolated I/O x 1 128 MB Mono 8/10/10p/12/12p Mono 8/10/12, Bayer RG 8/10/10p/12/12p, YUV422 (UYVY), YUV422, RGB 8 Ceneral Power - <3.3 W @ 12 VDC, voltage 5 to 15 VDC, PoE supported Vorking temperature: 32° to 152° F (0° to 50° C) Storage temperature: -22° to 158° F (-30° to 70° C) Dimension - 1.14" x 1.14" x 1.65" (29 mm × 29 mm × 42 mm) Weight - C-mount - C-mount - Windows XP/7/8 32-/64-bit - Compliance - GigE Vision v1.2			
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Operating System Windows XP/7/8 32-/64-bit Compliance GigE Vision v1.2		- ···	
Compliance GigE Vision v1.2			
Certification CE ECC BOHS			
Octanioani OE, i OO, i ono	Certification	CE, FCC, HOHS	

MV-CA050-10GM

Dimensions



Recommended Accessories

• Power Adapter: 12 VDC @1 A

• NIC: Intel Pro1000 or above version

• Network Cable: CAT5e or CAT6 network cable



