

CE Series GigE Area Scan Camera

Key Features

- Adopts high cost-effective sensor, ideal image quality.
- Rolling Shutter cameras support Global Reset mode: cooperate with strobe LED light source to obtain images without smear in moving environment.
- GigE interface, with maximum transmission distance up to 100m (without relay).
- Compatible with GigE Vision V2.0 protocol and GenICam standard, and the third-party software.
- CE, FCC, RoHS, KC certification.

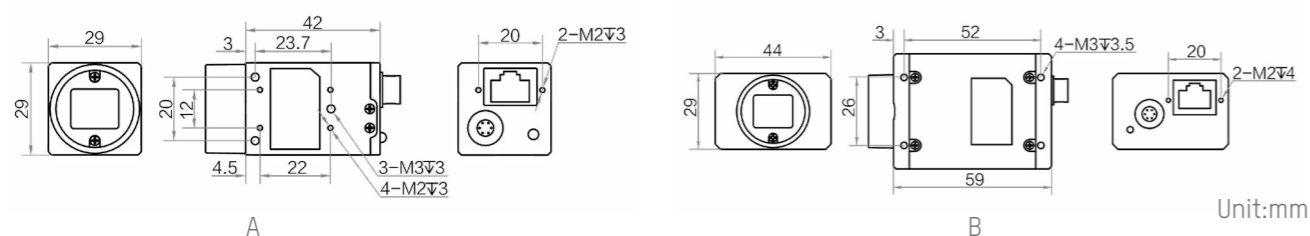


Specifications

Model	Sensor model	Sensor size	Pixel size	Shutter mode	Resolution	Max. frame rate	Bit depth	Data interface	Mono/Color	Exposure time	Power consumption	Power supply	Working temperature	Lens mount	Dimension	Label
MV-CE003-20GM	PYTHON	1/3.6"	4.8 μm	Global	640 × 480	173 fps	10	GigE	Mono	42 μs-10 sec	Typ. 3.0 W@12 VDC	12 VDC, PoE	0-50°C	C	29 mm × 29 mm × 42 mm	A
MV-CE003-20GC	PYTHON	1/3.6"	4.8 μm	Global	640 × 480	173 fps	10	GigE	Color	42 μs-10 sec	Typ. 3.0 W@12 VDC	12 VDC, PoE	0-50°C	C	29 mm × 29 mm × 42 mm	A
MV-CE013-80GM*	SS	1/2.7"	4.0 μm	Global	1280 × 1024	90 fps	10	GigE	Mono	30 μs-10 sec	Typ. 2 W@12 VDC	9-24 VDC, PoE	0-50°C	C	29 mm × 29 mm × 42 mm	A
MV-CE013-80GC*	SS	1/2.7"	4.0 μm	Global	1280 × 1024	90 fps	10	GigE	Color	30 μs-10 sec	Typ. 2 W@12 VDC	9-24 VDC, PoE	0-50°C	C	29 mm × 29 mm × 42 mm	A
MV-CE020-10GC	IMX290	1/2.8"	2.9 μm	Rolling	1920 × 1080	58 fps	12	GigE	Color	15 μs-2 sec	Typ. 2.4 W@12 VDC	9-24 VDC, PoE	0-50°C	C	29 mm × 29 mm × 42 mm	A
MV-CE050-31GM	AR0521	1/2.5"	2.2 μm	Rolling	2592 × 1944	24 fps	12	GigE	Mono	21 μs-1 sec	Typ. 2.4 W@12 VDC	9-24 VDC, PoE	0-50°C	C	29 mm × 29 mm × 42 mm	A
MV-CE050-31GC	AR0521	1/2.5"	2.2 μm	Rolling	2592 × 1944	24 fps	12	GigE	Color	21 μs-1 sec	Typ. 2.4 W@12 VDC	9-24 VDC, PoE	0-50°C	C	29 mm × 29 mm × 42 mm	A
MV-CE100-30GC	MT9J003	1/2.3"	1.67 μm	Rolling	3840 × 2748	7 fps	12	GigE	Color	50 μs-2 sec	Typ. 2.6 W@12 VDC	12 VDC, PoE	0-50°C	C	29 mm × 29 mm × 42 mm	A
MV-CE100-31GM	MT9J003	1/2.3"	1.67 μm	Rolling	3840 × 2748	11.2 fps	12	GigE	Mono	26 μs-1 sec	Typ. 2.6 W@12 VDC	12 VDC, PoE	0-50°C	C	29 mm × 29 mm × 42 mm	A
MV-CE120-10GM	IMX226	1/1.7"	1.85 μm	Rolling	4024 × 3036	9.6 fps	10	GigE	Mono	34 μs-2 sec	Typ. 2.7 W@12 VDC	12 VDC, PoE	0-50°C	C	29 mm × 29 mm × 42 mm	A
MV-CE120-10GC	IMX226	1/1.7"	1.85 μm	Rolling	4024 × 3036	9.6 fps	10	GigE	Color	34 μs-2 sec	Typ. 3.0 W@12 VDC	12 VDC, PoE	0-50°C	C	29 mm × 29 mm × 42 mm	A
MV-CE200-10GM	IMX183	1"	2.4 μm	Rolling	5472 × 3648	5.9 fps	10	GigE	Mono	46 μs-2 sec	Typ. 3.5 W@12 VDC	12 VDC, PoE	0-50°C	C	44 mm × 29 mm × 59 mm	B
MV-CE200-10GC	IMX183	1"	2.4 μm	Rolling	5472 × 3648	5.9 fps	10	GigE	Color	46 μs-2 sec	Typ. 3.5 W@12 VDC	12 VDC, PoE	0-50°C	C	44 mm × 29 mm × 59 mm	B
MV-CE200-11GM	IMX183	1"	2.4 μm	Rolling	5472 × 3648	5.9 fps	10	GigE	Mono	46 μs-2 sec	Typ. 2.9 W@12 VDC	9-24 VDC, PoE	0-50°C	C	29 mm × 29 mm × 42 mm	A

Notice: * will be released soon.

Dimension



CE Series USB3.0 Area Scan Camera

Key Features

- Adopts high cost-effective sensor, ideal image quality.
- Rolling Shutter cameras support Global Reset mode: cooperate with strobe LED light source to obtain images without smear in moving environment.
- USB 3.0 interface, support USB power supply, body lock screw holes to improve installation stability.
- Compatible with USB3 Vision Protocol, GenICam standard, and the third-party software.
- CE, FCC, RoHS, KC certification.



Specifications

Modelv	Sensor model	Sensor size	Pixel size	Shutter mode	Resolution	Max. frame rate	ADC bit depth	Data interface	Mono/Color	Exposure time	Power consumption	Power supply	Working temperature	Lens mount	Dimension	Label
MV-CE013-80UM	SS	1/2.7"	4.0 μm	Global	1280 × 1024	150 fps	10	USB3.0	Mono	30 μs-10 sec	Typ. 1.93 W@5 VDC	12 VDC, USB3.0	0-50°C	C	29 mm × 29 mm × 30 mm	A
MV-CE050-30UM	AR0521	1/2.5"	2.2 μm	Rolling	2592 × 1944	44.7 fps	10	USB3.0	Mono	28 μs-0.6 sec	Typ. 2.5 W @5 VDC	9-24 VDC, USB3.0	0-50°C	C	29 mm × 29 mm × 30 mm	B
MV-CE050-30UC	AR0521	1/2.5"	2.2 μm	Rolling	2592 × 1944	44.7 fps	10	USB3.0	Color	28 μs-0.6 sec	Typ. 2.5 W @5 VDC	12 VDC, USB3.0	0-50°C	C	29 mm × 29 mm × 30 mm	A
MV-CE060-10UM	IMX178	1/1.8"	2.4 μm	Rolling	3072 × 2048	42.7 fps	12	USB3.0	Mono	24 μs-1 sec	Typ. 2.7 W@5 VDC	12 VDC, USB3.0	0-50°C	C	29 mm × 29 mm × 30 mm	A
MV-CE060-10UC	IMX178	1/1.8"	2.4 μm	Rolling	3072 × 2048	42.7 fps	12	USB3.0	Color	16 μs-1 sec	Typ. 2.7 W@5 VDC	12 VDC, USB3.0	0-50°C	C	29 mm × 29 mm × 30 mm	A
MV-CE120-10UM	IMX226	1/1.7"	1.85 μm	Rolling	4000 × 3036	31.9 fps	10	USB3.0	Mono	30 μs-0.5 sec	Typ. 3.18 W@5 VDC	9-24 VDC, USB3.0	0-50°C	C	29 mm × 29 mm × 30 mm	B
MV-CE120-10UC	IMX226	1/1.7"	1.85 μm	Rolling	4000 × 3036	31.9 fps	10	USB3.0	Color	20 μs-0.5 sec	Typ. 3.42 W@5 VDC	9-24 VDC, USB3.0	0-50°C	C	29 mm × 29 mm × 30 mm	B
MV-CE200-10UM	IMX183	1"	2.4 μm	Rolling	5472 × 3648	19.2 fps	10	USB3.0	Mono	44 μs-0.7 sec	Typ. 2.83 W@5 VDC	12 VDC, USB3.0	0-50°C	C	44 mm × 29 mm × 59 mm	C
MV-CE200-10UC	IMX183	1"	2.4 μm	Rolling	5472 × 3648	19.2 fps	10	USB3.0	Color	28 μs-0.7 sec	Typ. 2.83 W@5 VDC	12 VDC, USB3.0	0-50°C	C	44 mm × 29 mm × 59 mm	C
MV-CE200-11UM	IMX183	1"	2.4 μm	Rolling	5472 × 3648	19.2 fps	10	USB3.0	Mono	28 μs-0.7 sec	Typ. 2.83 W@5 VDC	9-24 VDC, USB3.0	0-50°C	C	29 mm × 29 mm × 30 mm	B
MV-CE200-11UC	IMX183	1"	2.4 μm	Rolling	5472 × 3648	19.2 fps	10	USB3.0	Color	28 μs-0.62 sec	Typ. 2.67 W@5 VDC	9-24 VDC, USB3.0	0-50°C	C	29 mm × 29 mm × 30 mm	B

Dimension

