

Specification

Model	-CA032-10GM	HC-CA032-10GC
Camera		
Sensor type	CMOS, global shutter	
Sensor model	Sony IMX265	
Pixel size	3.45 μm x 3.45 μm	
Sensor size	1/1.8"	
Resolution	2048 x 1536	
Max. frame rate	37.5 fps @2048 x 1536	
Dynamic range	73 dB	
SNR	40 dB	
Gain	0 dB to 20 dB	
Exposure time	UltraShort exposure mode: 1 μs to 14 μs	
	Standard exposure mode: 15 μs to 10 sec	
Exposure mode	Off/Once/Continuous exposure mode	
Mono/color	Mono	Color
Pixel format	Mono 8/10/10p/12/12p	Mono 8/10/12, Bayer RG 8/10/10p/12/12p, YUV422Packed, YUV422_YUYV_Packed, RGB 8, BGR 8
Binning	Supports 1 x 1, 1 x 2, 2 x 1, 1 x 4, 4 x 1, 2 x 2, 2 x 4, 4 x 2, 4 x 4	
Decimation	Supports 1 x 1, 1 x 2, 2 x 1, 2 x 2	
Reverse image	Supports horizontal and vertical reverse image output	
Image buffer	128 MB	
Electrical feature		
Data interface	Gigabit Ethernet, compatible with Fast Ethernet	
Digital I/O	6-pin Hirose connector provides power and I/O, including opto-isolated input x 1 (Line0), opto-isolated output x 1 (Line1), and bi-directional non-isolated I/O x 1 (Line2)	
Power supply	12 VDC, supports PoE	
Power consumption	Typ. 3.2 W@12 VDC	Typ. 3.5 W@12 VDC
Mechanical		
Lens mount	C-Mount	
Dimension	29 mm x 29 mm x 42 mm (1.1" x 1.1" x 1.7")	
Weight	Approx. 68 g (0.15 lb.)	
Ingress protection	IP30 (under proper lens installation and wiring)	
Temperature	Working temperature: 0 $^{\circ}\text{C}$ to 50 $^{\circ}\text{C}$ (32 $^{\circ}\text{F}$ to 122 $^{\circ}\text{F}$)	
	Storage temperature: -30 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$ (-22 $^{\circ}\text{F}$ to 158 $^{\circ}\text{F}$)	
Humidity	20% to 80% RH, non-condensing	
General		
Client software	MVS or third-party software meeting with GigE Vision Protocol	
Operating system	32/64-bit Windows XP/7/10, 32/64-bit Linux and 64-bit MacOS	
Compatibility	GigE Vision V2.0, GenICam	
Certification	CE, FCC, RoHS, KC	