

Model	Product Model	EMVC-GECS240GC/EMVC-GECS240GC-POE	EMVC-GECS240GM/EMVC-GECS240GM-POE
	Product Name	GigE Camera	
Sensor	Color/Mono	Color	Mono
	Sensor Model	GPIXEL-GMAX4002	
	Sensor Type	CMOS	
	Optical Size	1/1.7"	
	Pixel Size	4um×4um	
	Exposure Method	Global Shutter	
	Effective Pixels	2.4MP	
	AD Width	12bit	
	Signal-to-Noise Ratio	40.7dB	
	Dynamic Range	68.0dB	
Performance Parameters	Sensitivity	3.26x10 ⁷ e ⁻ /((W/m ²)·s) @550nm	
	Quantum Efficiency	73.7% @550nm	
	Resolution@Frame Rate	2048x1200 MAX:47.25SFPS	
	Output Pixel Width	12 bit	
	Video Output Format	Bayer GB RGB 8/12bit、YUV422 16bit	Mono 8/12 bit
	Maximum Gain	16X	
	Exposure Time Range	0.0160-10002.4155ms	
	Trigger Mode	Continuous/Software Trigger/Hardware Trigger	
	Frame Bufer	128MB	
	User-Defined Data Area	2KB	
Electrical Characteristics	Data Interface	Gigabit Ethernet Port	
	I/O Port	1 channel optocoupler-isolated input, 1 channel optocoupler-isolated output, and 1 channel non-isolated configurable input/output	
	Power Supply	Supports 12-24V with ±10% tolerance; typical value: 12V	
	Power	<3W	
Structural Characteristics	Heat Dissipation Method	Aluminum Alloy Body Natural Cooling	
	Lens Mount	C Mount	
	External Dimensions	29x29x36.9mm (レンズとコネクタ含まない)	
	Weight	<60g	
	Ingress Protection Rating	IP40	
	Temperature	Operating Temperature 0~50°C / Storage Temperature -30~60°C	
	Humidity	Operating Humidity 20~80% (non-condensing) / Storage Humidity 20~95% (non-condensing)	
Protocol Standards	Operating System	WINXP/7/8/10/11 systems (32 & 64-bit), Linux systems (32 & 64-bit), ARM Linux system, Android system, MAC system	
	Software	Supports GigE Vision protocol software, DirectShow components, Halcon-specific components, LabVIEW-specific drivers, OCX components, and TWAIN components	
	Vision Standard Protocol	GigE Vision,GenICam	
	Certification	CE,RoHS	