

Model	Product Model	EMVC-GECS507GC/EMVC-GECS507GC-POE	
	Product Name	GigE Camera	
Sensor	Color/Mono	Color	
	Sensor Model	GPIXEL-GMAX3405	
	Sensor Type	CMOS	
	Optical Size	2/3"	
	Pixel Size	3.4x3.4um	
	Exposure Method	Global Shutter	
	Effective Pixels	5MP	
	AD Width	12bit	
	Signal-to-Noise Ratio	39.3dB	
Performance Parameters	Dynamic Range	66.9dB	
	Sensitivity	$2.36 \times 10^7 \text{ e-}/((\text{W}/\text{m}^2) \cdot \text{s}) @ 540\text{nm}$	
	Quantum Efficiency	75% @540nm	
	Resolution@Frame Rate	2448X2048 MAX@24FPS	
	Output Pixel Width	12 bit	
	Video Output Format	Bayer 8/12bit、YUV422 16bit	
	Maximum Gain	16X	
	Exposure Time Range	0.0201-337222ms	
	Trigger Mode	Continuous/Software Trigger/Hardware Trigger	
	Frame Bufer	128MB	
	User-Defined Data Area	2KB	
	Data Interface	Gigabit Ethernet (1000 Mbit/s) is compatible with Fast Ethernet (100 Mbit/s)	
Electrical Characteristics	I/O Port	1 channel optocoupler isolated input, 1 channel optocoupler isolated output, 1 channel non - isolated configurable input and output	
	Power Supply	DC 12-24V and POE 48-57V (POE is optional, the model suffix is T1P)	
	Power	<2.5W@DC12V	
	Heat Dissipation Method	Aluminum Alloy Body Natural Cooling	
Structural Characteristics	Lens Mount	C Mount	
	External Dimensions	29x29x36.9mm (excluding lens mount and rear shell interface)	
	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)	
	Operating System	WINXP/7/8/10/11 systems (32 & 64-bit), Linux systems (32 & 64-bit), ARM Linux system, Android system, MAC system	
Protocol Standards	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	