







SWIR Series SWIR Camera 640x512

GH-SW640-U2 | GH-SW640-Gnet

 640x512	 900-1700nm / 400-1700nm
 15μm	 USB2.0 /Gnet
 TEC 1	 Global shutter Single point Correction



Basic Specs	Type	GH-SW640-U2	GH-SW640-Gnet
	Frame Rate	50Hz	100Hz
	Integration Time	100μs ~ 20ms	100μs ~ 20ms / Max 9ms at 100Hz
	Digital Output	USB 2.0	Gnet (Gigabit Network Port)
	Trigger	/	RS-422 / TTL

Key Specs	Sensor	GH-SW640HS
	Resolution	640 x 512
	Spectral Response	0.9μm ~ 1.7μm / 0.4μm ~ 1.7μm
	Pixel Pitch	15μm
	Active Area	9.6mm x 7.68mm
	Quantum Efficiency	>70% (1.0μm ~ 1.6μm)
	Integration Type	snapshot
	Pixel Capacity	>99.5%
	Full Well Capacity	1.8Me-
	ADC	14bit
	Analog Video Output	PAL, SMA Interface
	Software	Windows Software/windows SDK
	Power Input	DC 12V ± 2V
	Power Dissipation	<4W (TEC OFF)
	Dimensions	65mm×58mm×75mm (without Lens)
	Lens Mount	C-Mount
	Operating Temp.	-20 °C ~ +50 °C / -40 °C ~ +70 °C (Optional)
	Storage Temp.	-40 °C ~ +80 °C
	On-Board Image Processing	Single/two-point correction, bad pixel replacement, image denoising, image smoothing, controllable shutter compensation

* Technical data are subject to change without notice



SWIR CAMERAS

