



SWIR CAMERAS

SWIR CAMERA GH-SW1280-Gnet



FEATURES

GH-SW1280-Gnet

- 1.3M Resolution
- 15μm Pixel Pitch
- Low Readout Noise
- TE Cooler
- 14 bit GigE Output

Model Type	GH-SW1280-Gnet
Sensor	InGaAs Focal Plane Array
Resolution	1280 x 1024
Spectral Response	0.9μm ~ 1.7μm
Pixel Pitch	15μm x 15μm
Optical Interface	M42 X 1
Active Area	19.2mm x 15.36mm
Quantum Efficiency	> 70% (1.0μm ~ 1.5μm)
Frame Rate	25Hz
Integration Time	0.2μs (Min)
Full well Capacity	1.8Me-
Digital Output	Gnet Interface
Cooling Method	TEC
Dark current	30fA@0.1V&18°C
ADC	14bit
Software	Windows Software/windows SDK
Trigger	RS-422 /TTL
Read Noise	< 40e- (CDS Mode)
Windowing	Optional (Customization)
Exposure Mode	Global Shutter
Readout Mode	IWR
Power Input	DC 12V ± 2V
Power Dissipation	< 4W (TEC Off)
Weight	280g (without Lens)
Dimension	75mm x 58mm x 65mm (without Lens)
Operating Temp.	-20°C ~ +70°C
Image Correction	Single/Two Points Correction

Technical data are subject to change without notice