900-1700nm / 400-1700nm SWIR Cameras

GH-SW640Pro-U3

640x512

15μm

TEC

USB3.0

SDK

400fps

900-1700nm / 400-1700nm

Global shutter
Single point Correction

Model Type	GH-SW640Pro-U3		
Sensor	GH-SW640Pro		
Shutter Mode	Global Shutter		
Active Area	9.6mm x 7.2mm		
Resolution	640 x 512		
Pixel Pitch	15μm		
Frame Rate	400Hz		
Integration Time	40μs ~ 1s		
Pixel format	Mono		
Spectral Response	900 ~ 1700nm / 400 ~ 1700nm		
Dynamic Range	69.8dB		
SNR	62.42dB		
Pixel Bit Depth	8/14 bit		
Power Input	12V DC, 4.8W (TEC Off)		
Cooling Method	TEC		
Dimension(L x W x H)	55mm x 55mm x 60mm		
Lens Mount	C-Mount		
Operating Temp.	-40 ℃ ~ +60 ℃		
Weight	＜250g		
Certificate	CE、FCC、RoHS		
Dark Current	HG: 26.5e	MG: 42.8e	LG: 400e
Full Well Capacity	HG: 8.5Ke	MG: 63.9Ke	LG: 1.5Me
Data Interface	USB3.0		

* Technical data are subject to change without notice