









SWIR Series SWIR Camera 320x256

GH-SW320-U2 | GH-SW320-Gnet

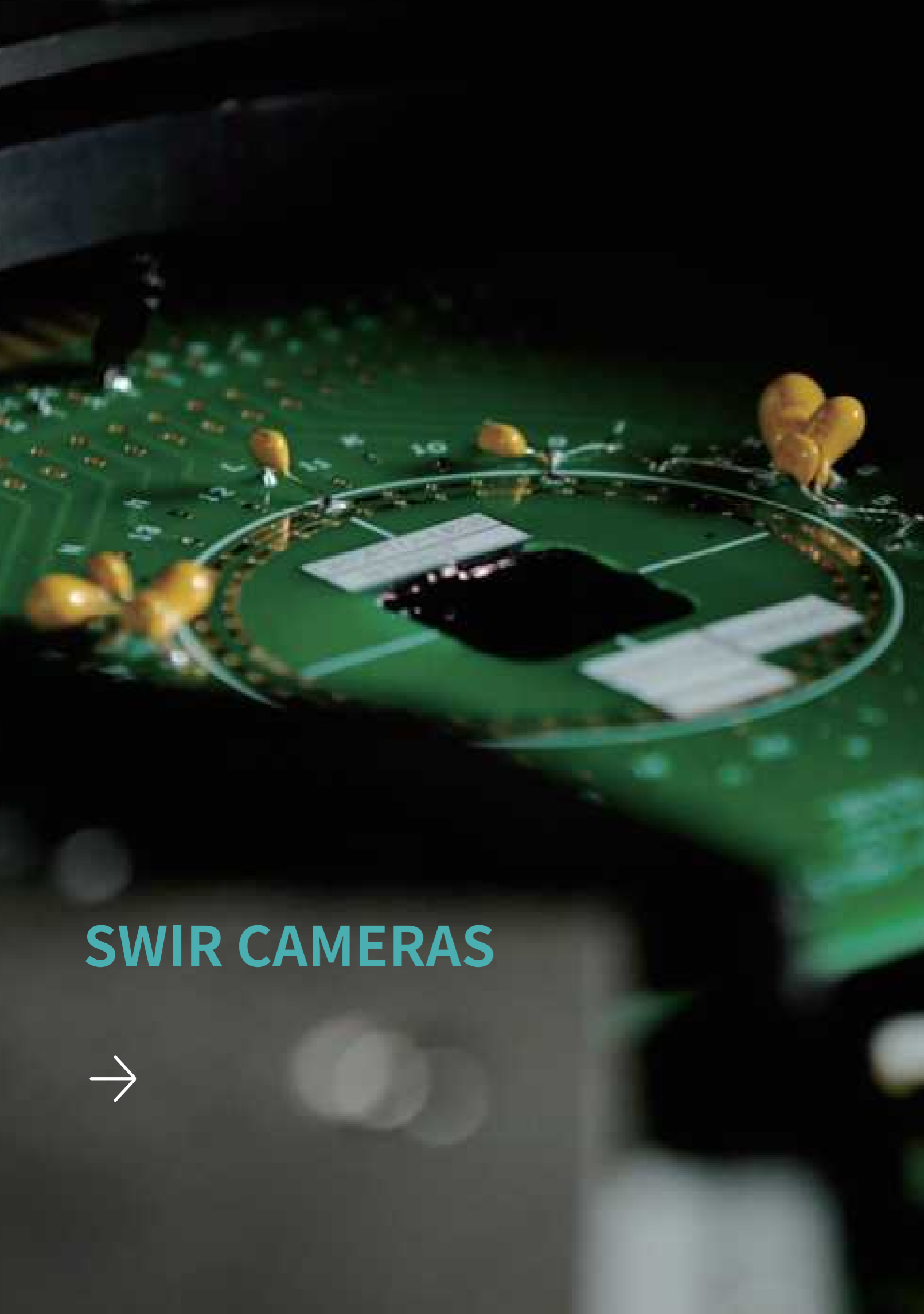
 320x256	 15μm	 900-1700nm / 400-1700nm
 TEC	 400fps	 USB2.0 / Gnet
 Global shutter  Single point Correction		



Basic Specs	Type	GH-SW320-U2	GH-SW320-Gnet
Frame Rate		200Hz	400Hz
Integration Time		100 μs ~ 20 ms / Max 4.5ms at 200Hz	100 μs ~ 20ms / Max 2ms at 400Hz
Interface		USB 2.0	Gnet

Key Specs	Sensor	GH-SW320
Resolution		320 x 256
Spectral Range		0.9μm ~ 1.7μm / 0.4μm ~ 1.7μm
Pixel pitch		15μm
Lens Mount		C - Mount
Quantum Efficiency		>70% (1.0μm ~ 1.6μm)
Full Well Capacity		2.2 Me-
ADC		14bit
Cooling		TEC
Dark Current		30fA@0.1V&18°C
Software		Windows Software/windows SDK
Trigger		RS-422 / TTL
Exposure Mode		Global exposure
Readout Mode		IWR
Power Input		DC 12V ± 2V
Power Consumption		<4W (TEC off)
Weight		200g (No lens)
Dimensions		55mm x 50mm x 63mm (No lens)
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

