







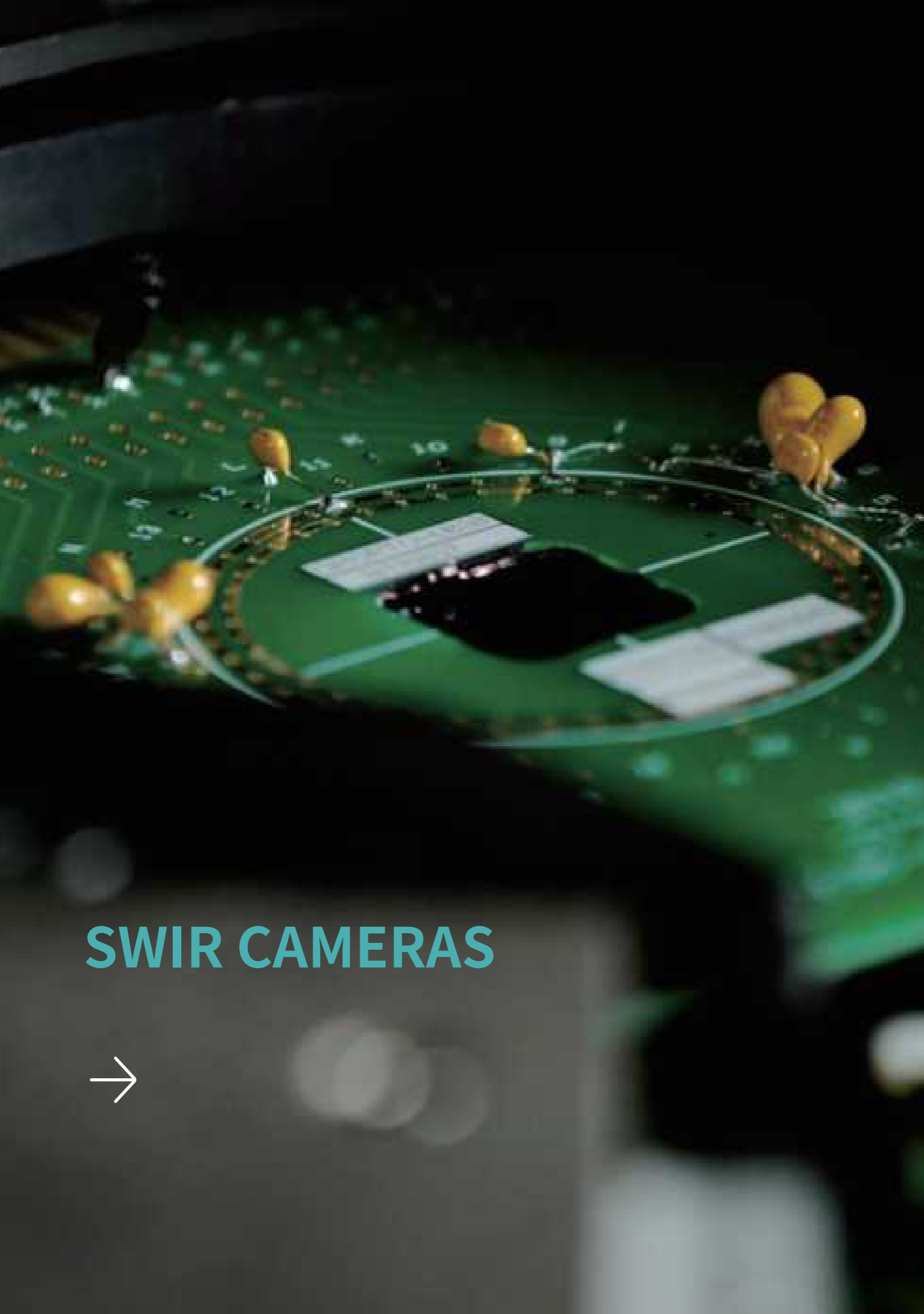


## SWIR Series SWIR Camera 640x512

GHCG-SW640-U3

 640x512	 15 $\mu$ m	 900-1700nm / 400-1700nm		
 Global shutter	 SDK	 400fps	 USB 3.0	 TEC



SWIR CAMERAS



Specifications	Type	GHCG-SW640-U3
Sensor		GH-SW640Pro
Shutter Mode		Global Shutter
Active Area		9.6mm x 7.2mm
Resolution		640 x 512
Pixel Size		15 $\mu$ m
Frame Rate		430Hz
Integration Time		40 $\mu$ s ~ 1s
Pixel Format		Mono
Spectral Response		0.9 $\mu$ m ~ 1.7 $\mu$ m / 0.4 $\mu$ m ~ 1.7 $\mu$ m
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 $^{\circ}$ C ~ +60 $^{\circ}$ C
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