

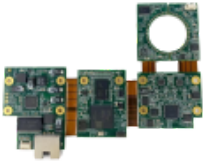
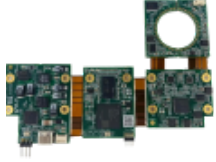
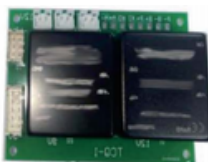


T2SL Long-Wave (LWIR) Infrared Detector

- Revolutionary LWIR T2SL Technology
- Exception Image Quality
- High Sensitivity and Performance

	Specifications			
	320 Version		640 Version	
Model	KT3L	KT3L-1055	KT6L	KT625L
Resolution	320x256	320x256	640x512	640x512
Pixel Pitch	30µm	30 µm	15µm	25 µm
Spectral Response	7.5µm -9.5µm	10.3µm -10.7µm	7.5µm -9.5µm	
Steady Power Consumption	≤6w	≤6w	≤6w	≤6w
Detector Type	LWIR T2SL			
NETD	≤25mk			
Operability	>99%			
Cooling Method	Striling Cooler			
Power Supply	12VDC/24VDC			
Cool Down Time	< 7 min			
Weight	<550g		<550g	<600g
Frame Rate	50Hz			
F Number	F2/4/5.5	F1.2	F2/4/5.5	F2/4/5.5
Dimension (mm)	140x57x71mm	132x57x71mm	145x57x80mm	145x57x80mm
Operation Temperature	-40 ~ +60 ° C			
Storage Tempera ture	-50 ~ +70 ° C			

Electronic Boards for Cooled Detector

Selection Table for the Boards				
Proxy Board		Video Board	Power Board	
KT-XB-A	KT-XB-B	KT-VB	KT-PWB	KT-TCQ-1
				

Lens for Cooled Detector

Selection Table for the Lens*		
		
Focal length	35mm	55mm
Aperture (F#)	1.2	2
Horizontal Field of View	15.6°	10°
Vertical Field of View	12.5°	7.5°
Wave Band	7.0-11.0 μm	7.0-11.0 μm

*Other lens sizes upon request

Applications:

