

inT860 – ThermalTiger

High Resolution Thermal Module (800x600/60Hz)



- **800x600 VOx FPA**
- 17um pixel pitch
- 2x and 4x digital zoom
- 60Hz/50Hz (PAL) realtime output
- Intelligent Image Enhancement
- Adaptive brightness & contrast adjustment
- Adaptive Noise Reduction
- Histogram AGC algorithm
- Advanced passive cooling design
- Wide ambient temp range



The ThermalTiger inT860 High Resolution Thermal Camera Module is the optimal choice to build high end thermal camera systems.

Using the latest detector and imaging processing design the inT800 delivers superior thermal images in any light condition day and night – even in harsh conditions like snow and fog.

ThermalTiger inT800 delivers more image details than standard thermal cores.

inT800 can be easily upgraded with several optional I/O boards and wide selection of thermal lenses - Including **thermal zoom lens**.

inT860 ThermalTiger Specifications

Detector	800 x 600, 17um, Vox	
Lens	M35 x 0.75mm Mount	
Detection	inT819 - 19mm lens	inT835 - 35mm lens
1.8m x 0.5m Human	Detection: 700m Recognition: 300m	Detection: 900m Recognition: 400m
2.3m x 2.3m Vehicle	Detection: 1.6km Recognition: 0.6km	Detection: 2.3km Recognition: 0.9km
Frame Rate	50/60Hz	
Video Output	Analog (Pal/NTSC) or Digital	
Shutter	YES	
Imaging	Intelligent Image Enhancement	
	Auto/Manual brightness/contrast	
	Black/White/Hot	
	Rainbow/False Color	
Zoom	2x/4x	
I/O	Remote serial control – RS232	Video: Analog / BT656
Power	3 – 5V/DC, 2.5W @ 25C	
Working Temperature	-40C - +60C	
Vibration Test	Meet GJB 150A-16.2.3.1 standard	
Shot Test	Meet GJB 150A-18 standard	
Certification	RoHs	
Dimensions	46mm x 45mm x 67mm	
Weight	120g (without lens)	

Dimensions: inT860 ThermalTiger with 19mm lens

