

**Function**

- With small volume, the product is easy to operate and has strong function. it is the ideal selection for electric power, electronic manufacturing, Industrial inspection and other fields.
- With a visible light camera, The thermal images and visible images are stored in the device and can be read through USB.
- The radiation coefficient may be adjusted to increase the measurement accuracy of objects with half reflection surface.
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- The highest temperature and lowest temperature cursor may guide the users to the areas with highest and lowest temperature of the thermal images. The selectable color palette.

**Application**

- The inspection of electric equipment, lines of transmission and transformers.
- Search of concealed fire source in fire control.
- Personnel search and rescue and commanding at fire site.
- Make analysis of the leakage position and heat loss of thermal pipeline and heating equipment.
- Determine the position of heating failure of the operation train.
- Analysis of rationality of wire of microelectronic industry.
- Night monitoring of security departments.



	<b>G-TECH TIC 22</b>	<b>G-TECH TIC 23</b>
Infrared image resolution	160x120	320x240
Temperature measurement range	-20°C~450°C (-4°F~842°F)	-20°C~300°C (-4°F~572°F)
FOV/Shortest focal length	35° x 26° / 0.5m	56° x 42° / 0.5m
Measurement accuracy	± 2C/±2%	
Display screen	2.8 inch full-view TFT display	
Visible image resolution	300000 pixel	
LCD resolution	320x240	
Thermal sensitivity	70mk	
Emissivity	Adjustable from 0.01 to 1.00	
Frame rate of thermal images	9Hz	
Wavelength coverage	8-14µm	
Focus mode	Fixed	
Colour palette	Rainbow, iron oxide red, cold color, black & white, white & black	
Storage capacity	Built -in 3G (above 20 thousand image stored)	
File format	JPG	
USB	Micro USB 2.0	
Power Supply	Built in chargeable 18650 battery	
Working Time	2-3 hours	
Automatic Power-off time	Selectable : 5 minutes /20Minutes/not power off automatically	
Setting command	Unit, language, date, time, information	
Language	English	
Operating temperature	0°C ~ 45°C	
Storage temperature	-20°C ~ 60°C	
Humidity	<85%RH	