



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.
- *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.
- *Video recording function
- *Analysis software

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.

	WT3090	WT3160	WT3220	WT3320
Infrared image resolution	120×90	160×120	220×160	320×240
Temperature measurement range	-20°C~450°C (-4°F~842°F)	-20°C~450°C (-4°F~842°F)	-20°C~450°C (-4°F~842°F)	-20°C~300°C (-4°F~572°F)
FOV/Shortest focal length	16°×19°/ 3.2m	35°×26°/ 0.5m	35°×26°/ 0.5m	56°×42°/ 0.5m
Measurement accuracy	±2°C/ ±2% (if over 300°C, accuracy is ± 5%)			±2°C/ ±2%
Display screen	2.8-inch full-view TFT display			
Visible image resolution	300,000 pixel			
LCD resolution	320×240			
Thermal sensitivity	70mk			
Emissivity	Adjustable from 0.01 to 1.00			
Frame rate of thermal images	≤ 25Hz	9Hz		
Wavelength coverage	8-14um			
Focus mode	Fixed			
Color 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/20 minutes/not power off automatically			
Setting command	Unit, language, date, time, information			
Language	English \ Chinese \ Italian \ German			
Operating temperature	0°C ~ 45°C			
Storage temperature	-20°C ~ 60°C			
Humidity	< 85%RH			