

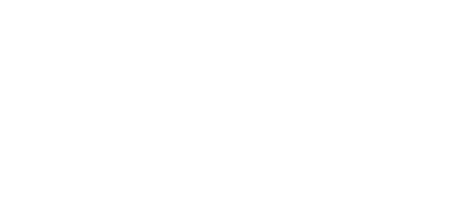
## **Thermal Imaging Camera**



ติดต่อบริษัท นีโอนิคส์ จำกัด

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## 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.

## 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.

	WT3160	WT3220	WT3320
Infrared image resolution	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~300°C (-4°F~572°F)
FOV/Shortest focal length	35°×26°/ 0.5m	35°×26°/ 0.5m	56°×42°/ 0.5m
Measurement accuracy	$\pm 2$ °C/ $\pm 2$ % (if over 300°C, accuracy is $\pm 5$ %) $\pm 2$ °C/ $\pm 2$ %		
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	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		

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