



## DT-890

890 (120x90) Thermal Imagers are designed to make your work easier, more productive and effective. Temperature range from  $-20^{\circ}\text{C}$  to  $450^{\circ}\text{C}$  ( $-4^{\circ}\text{F}$  to  $842^{\circ}\text{F}$ ). Hot/Cold spot marker automatically finds the hottest and coldest spots. It includes memory card, Lithium polymer battery & power supply, and USB cable. Bluetooth connectivity allows the Infrared Thermal Camera to send data to mobile devices



<b>Specifications</b>		
		890
<b>Imaging and Optical Data</b>		
Field of View		21x21
Spatial Resolution	4.53mrad	*
NETD	<0.1 °C@30 °C(80 °F)/100mK	*
Image Frequency	50Hz	*
Focus Mode	Focus free	*
Focal Plane Array(FPA)/Spectral Range	Uncooled microbolometer/8-14um	*
IR Resolution		120x90
<b>Image Presentation</b>		
Display	2" TFT LCD, 240x320 pixels	*
Color Palettes	IRON, RainBow, Grey, GreyInverted	*
<b>Measurement</b>		
Object Temperature Range	-20 °C to 450 °C (-4 °F to 842 °F)	*
Accuracy	±2 °C(+/- 3.6 °F) or ±2% of reading	*
<b>Measurement Analysis</b>		
Spotmeter	Center Spot	*
Automatic Hot/Cold Detection	Auto hot or cold markers	*
Emissivity Correction	8 pre-define level and Variable from 0.01 to 1.0	*
Storage of Images		*
Storage Media	8 Gbytes Micro SD card	*
Image Storage format	Bitmap(BMP),including measurement data.	*
<b>Data Communication Interfaces</b>		
Interfaces	USB-micro, Data transform between camera and PC	*
Bluetooth		*
<b>Power System</b>		
Battery	Li-ion battery, 8 hours operating time	*
Input Voltage	DC 5V	*
Charging System	In camera(AC adapter)	*
Power Management	Automatic shutdown	*
<b>Environmental Data</b>		
Operating Temperature Range	-20 °C to 50 °C (-4 °F to 122°F)	*
Storage Temperature Range	-40 °C to 70 °C (-40 °F to 158 °F)	*
Humidity(operating and storage)	10% to 90%	*
Drop test	2m	**

**Accessories:**

Lens, Battery, software CD-ROM, Wrist strap, micro SD card, Adaptor, USB cable, Gift box.

