



## DT-9870H

9870H is a professional InfraRed 120 x 90 pixels imager thermometer with a single point infrared thermometer and 2.4" color TFT LCD display, 120x90 pixels Imagers & a microSD memory card for capturing Circular images(JPG) for viewing on your PC, providing fast, easy and accurate readings for most surface temperature measurement.





## Applications

- Plant/General Maintenance
- HVAC/R
- Transportation/Automotive
- Cooling and Reheating
- Serving areas
- Food service Equipment

## Accessories:

3.7V Li battery, USB cable, Carrying case and Gift box

<b>Features</b>	
	9870H
IR temperature measurement resolution	120x90
2.4" TFT 320x240 Pixels color LCD display	*
Single point infrared temperature	*
Dual laser targeting	*
2 million pixel video camera	*
Image capture frequency	30Hz
Thermal sensitivity (NETD)	≤60 mK
Hot Spot and Cold Spot Tracking	*
Visual camera & images capture(JPEG)	*
Micro SD memory card	*
Date/time setup controls, adjustable emissivity & trigger lock	*
Li-ION rechargeable battery	*
USB interface to smartphone / PC.	*
Language selection: English, Chinese,French, German, Italian	*

<b>Specifications</b>	
<b>Imaging and optical data</b>	
IR resolution	120 x 90 pixels
Thermal sensitivity (NETD)	60 mK
Image frequency	30Hz
Object temperature range	-20°C to 400°C (-4°F to 752°F)
Basic accuracy	±2°C (±3.6°F) or ±2% of reading
Field of View	50° x 38°
Color palettes	GREY/GREY IRON/ IRON/RAINBOW
<b>Detector data</b>	
Detector type	VOX microbolometer
Spectral range	8-14µm
<b>Single point infrared thermometer</b>	
Temperature range	-50°C to 1200°C (-58°F to 2192°F)
D:S	50:1
Basic accuracy	±1°C (±1.8°F) or ±1% of reading
Response Time	Less than 150ms
Emissivity adjustable	0.10~1.0 Adjustable
Micro SD memory card	MAX. support 8GB
Image storage format	Standard JPEG, including measurement data, on memory card > 1000 pictures