



## DT-9868S/9868H

9868S is a Professional InfraRed 32x32 pixels Imager Thermometer with 2.2" color TFT LCD display, 32x32 pixels Imagers & a microSD memory card for capturing Circular images(BMP) for viewing on your PC, providing fast, easy and accurate readings for most surface temperature measurements. 9868H is an InfraRed 32x32 pixels Imager Thermometer with 2.4" color TFT LCD display, which is with Single point infrared temperature and 2 million pixel video camera.



<b>Features</b>		
	9868S	9868H
IR temperature measurement resolution	32x32	32x32
2 million pixel video camera		*
640*480 pixel video camera	*	
Single point infrared temperature		*
2.2" TFT 320x240 Pixels color LCD display	*	
2.4" TFT 320x240 Pixels color LCD display		*
Image Capture Frequency 9Hz	*	*
Thermal Sensitivity (NETD)	100 mK	100 mK
Hot Spot and Cold Spot Tracking	*	*
Visual Camera & Images Capture(BMP)	*	*
MicroSD 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, Italia	*	*

<b>Specifications</b>	
<b>Imaging and optical data</b>	
Thermal sensitivity (NETD)	100 mK
Image frequency	9Hz
<b>Detector data</b>	
Detector type	Uncooled hyper-thin pyroelectric ceramic
Spectral range	8-14µm
IR resolution	32 x 32 pixels
Object temperature range	-20°C to 600°C (-4°F to 1112°F)
Accuracy	±2°C (±3.6°F) or ±2% of reading
Spotmeter	Center spot
Emissivity adjustable	0.10~1.0 Adjustable
<b>Single point infrared thermometer</b>	
Temperature range	-50°C to 1000°C (-58°F to 1832°F) (9868H)
D:S	50:1(9868H)
Basic accuracy	±1°C (±1.8°F) or ±1% of reading (9868H)
Response Time	Less than 150ms (9868H)
Micro SD memory card	MAX. support 8GB
Field of View	33° x 33°
Color palettes	GRAY/GRAY IRON/ IRON/RAINBOW
Image storage format	Standard BMP, including measurement data, on memory card > 1000 pictures

### Accessories:

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

### Applications

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