



## DT-9889

**2 in 1 InfraRed Thermometer &  
Non-contact AC Voltage**

**9889 Professional True RMS Industrial Digital Multimeter built-in Thermal Imager design, providing fast A/D converting sampling time, high accuracy, with datalogging and Trend Capture features. advanced system Platform permits smart multifunctions such as updating software on line, PC calibration etc. Meterbox IMM software & cloud server support to transfer the measured data to the customer's smartphone for edit and storage.**



**Safety Conformance**

**EN61010-1 CAT IV 600V, CAT III 1000V**

**1000V input protection on all ranges**

**10A/1000V & 0.8A/1000V fuses  
protection on current ranges**

<b>Features</b>
<b>Built-in Thermal Imager design quickly identifies hot spots without contact</b>
<b>240 x 320 2.8" TFT color LCD display</b>
<b>Large LCD display 6000 counts</b>
<b>Logging function with Trend Capture for easy review of logged data</b>
<b>Low pass filter for accurate measurement of variable frequency drive (VFD) signals</b>
<b>Long work time with li-ion battery</b>
<b>AC, AC+DC true-RMS measurements &amp; 1kHz ACV, ACA bandwidth</b>
<b>A/D convert fast sampling time: 10 Times/sec.</b>
<b>Peak capture (records transients as fast as 500µs)</b>
<b>Min/Max/Average with Time stamp (records signal fluctuations)</b>
<b>80x80 Infrared resolution</b>
<b>Bluetooth BLE instant share function</b>
<b>Easy to view and analyze images quickly</b>

**Size(HxWxD): 195mm x 80mm x 58mm**

**Weight: 540g**

<b>Specifications</b>			
<b>Thermal Imager</b>			
<b>IR Resolution</b>	<b>80x80 pixels</b>		
<b>Field of view(FOV)</b>	<b>21° x 21°</b>		
<b>Thermal sensitivity/NETD</b>	<b>&lt; 0.08°C /80mK</b>		
<b>Image frequency</b>	<b>50Hz</b>		
<b>Object temperature range</b>	<b>range: -20 to 260°C (-4 to 500°F)</b>		
<b>Spectral range</b>	<b>8-14 µm</b>		
<b>Color palettes</b>	<b>IRON/Rainbow/Grey/Grey Inverted</b>		
<b>Accuracy</b>	<b>±2°C (±3.6°F) or ±2% of reading</b>		
<b>True RMS Multimeter Functions</b>			
<b>Function</b>	<b>Maximum</b>	<b>Max, resolution</b>	<b>Accuracy</b>
<b>Voltage DC</b>	<b>1000V</b>	<b>100mV</b>	<b>±(0.1%+3)</b>
<b>Voltage AC</b>	<b>1000V</b>	<b>100mV</b>	<b>±(0.9%+20)</b>
<b>Current DC</b>	<b>10A</b>	<b>0.1µA</b>	<b>±(0.9%+2)</b>
<b>Current AC</b>	<b>10A</b>	<b>0.1µA</b>	<b>±(1.2%+5)</b>
<b>Resistance</b>	<b>60MΩ</b>	<b>0.1Ω</b>	<b>±(1.0%+2)</b>
<b>Capacitance</b>	<b>6000µF</b>	<b>0.01nF</b>	<b>±(2.5%+5)</b>
<b>Frequency</b>	<b>10MHz</b>	<b>0.01Hz</b>	<b>±(0.5%+1)</b>
<b>Diode and Continuity</b>	<b>Yes</b>		
<b>PC Interface</b>	<b>Bluetooth</b>		
<b>Power Supply</b>	<b>8 hours Li-ion rechargeable battery; AC Adaptor/charger</b>		

**Accessories: Test leads, Li-ion batteries, Type K temperature probe, Software, gift box with carrying case.**