## DT-9860/9860S/9861/9861S/9862/9862S/9863/9865

Professional InfraRed Video Thermometers with TFT color LCD display & Camera function

## **Professional InfraRed Video Thermometers** with TFT color LCD display & Imager Video format



## **Applications**

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



2.2" TFT color LCD display



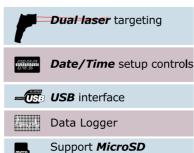
Support *Images*(JPEG) capture capabilities



Support Video (3GP) capture capabilities



Support IR, K-Type, Air, Dewpoint, Wet bulb Temp. & *Air Humidity* measurement



memory card extention

TFT LCD display & a microSD memory card for capturing images(JPEG) or video(3GP) for viewing on your PC, providing fast, easy and accurate readings for most surface temperature measurements. The measurement of dewpoint will be very visiable for wet and dry proof. These serials products are with international patent and good hands for industrial measurements and data analyzing. The user can be back in office to analyze the measured Infrared temperature readings under the

- High 75: 1/50: 1 distance to target ratio measures smaller surface areas at greater distances
- IR temperature measurement
- Air temperature and type K probe temperature measurement
- · Relative humidity measurement
- Wet bulb temperature & dewpoint temperature measurement
- Unique flat surface, modern housing design

Features					
	9860/ 9860S	9861/ 9861S	9862/ 9862S	9863	9865
2.2" TFT 320x240 pixels Color LCD display	*	*	*	*	*
Camera pixels	640x480	640x480	640x480	3.0 Mega	3.0 Mega
Images(JPEG) & Video(3GP)	*	*	*	*	*
MicroSD memory card & datalogger function	*	*	*	*	*
Dual laser targeting	*	*	*	*	*
Date/time setup controls	*	*	*	*	*
Auto Power Off	*	*	*	*	*
High Temperature	*	*	*	*	*
Max, Min, DIF, AVG record	*	*	*	*	*
High and low alarm	*	*	*	*	*
Adjustable emissivity & Trigger lock	*	*	*	*	*
Type K input	*	*	*	*	*
USB/ bluetooth interface	USB	USB	USB	USB/ Bluetooth	USB/ Bluetooth
Readings memories	*	*	*	*	*
Humidity & Air Temperature	*	*	*	*	*
Dewpoint & Wet bulb temperature	*	*	*	*	*
Audio Recording				*	*
Language selection	English, Chinese, French, German, Spanish				

**Specifications** 9861/9861S 9862/9862S IR Temp. Range -50°C to 1000°C -50°C to 1600°C -50°C to 2200°C -50°C to 1000°C -50°C to 2300°C -58°F to 1832°F -58°F to 2912°F -58°F to 3992°F -58°F to 1832°F -58°F to 4172°F Less than 300ms; Less than 150ms(9860S/9861S/9862S) Less than 150ms Response Time 0.1° up 1000°, 1° over 1000° Resolution Basic Accuracy (IR) ±1.0% of reading Optical Resolution 50:1 Distance to Spot size 75:1 Distance to Spot size 0.10~1.0 Adjustable Emissivity Adjustable Type K Temp. Range -50°C to 1370°C /-58°F to 2498°F Basic Accuracy (TK) ±0.5% of reading ±1°C Micro SD memory card MAX. support 8GB Air Temp Range 0 to 50°C/32 to 122°F Air Temp Basic Accuracy ±0.5°C/1°F 0 to 100%RH Humidity Range Humidity Basic Accuracy ±2.5%RH(20%~80%RH) Dew Point Temp. Range 0 to 50°C/32 to 122°F Wet Bulb Temp. Range 0 to 50°C/32 to 122°F



Size(HxWxD): 125mm x 58mm x 205mm Weight: 494g Accessories:

3.7V Li battery, Type K Temp. probe, USB cable, Carrying case and Gift box

2.2" TFT Color LCD display

Capturing images(JPEG)

75: 1 distance to spot size



Worldwide Patent:

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Temperature probe (Optional: NR-31B / TP-500 / TCP-100

Model 9863