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




Dual laser targeting & D:S = 75:1


JPG images / 3GP videos &Audio Recording


High accuracy (1.0%) measurement



Fold reading on the images

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

~~***Dual laser***~~ targeting

Date/Time setup controls

USB interface

Data Logger

Support ***MicroSD*** memory card extention

ST-9860/9860S/9861/9861S/9862/9862S/9863/9865
Professional InfraRed Video Thermometers with TFT color LCD display & Camera function
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9860/9861/9862/9863/9865 Series Professional Infrared Video Thermometers with 2.2" color 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 support of software.

- High 75 to 1/ 50 to 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

Worldwide Patent:
PCT/CN2010/00023)
200910189276.8
200920261924.1

2.2" TFT Color LCD display

Capturing images(JPEG)
75 : 1 distance to spot size



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

	9860/9860S	9861/9861S	9862 9862S	9863	9865
IR Temp. Range	-50°C to 1000°C -58°F to 1832°F	-50°C to 1600°C -58°F to 2912°F	-50°C to 2200°C -58°F to 3992°F	-50°C to 1000°C -58°F to 1832°F	-50°C to 2300°C -58°F to 4172°F
Response Time	Less than 300ms; Less than 150ms(9860S/9861S/9862S)			Less than 150ms	
Resolution	0.1° up 1000°, 1° over 1000°				
Basic Accuracy (IR)	↑1.0% of reading				
Optical Resolution	50:1 Distance to Spot size			75:1 Distance to Spot size	
Emissivity Adjustable	0.10~1.0 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				
Humidity Range	0 to 100%RH				
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				



Model 9863

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




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