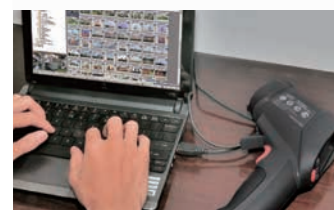


Professional InfraRed Video Thermometers with TFT color LCD display & Imager Video format



Meterbox
Cloud Server
Worldwide Patent:
PCT/CN2010/000230
200910189276.8
200920261924.1

CE
EMC
EN: 61326
EN: 60825-1



Upload images and videos to a PC or laptop for further analysis or use for report documentation.



Dual laser targeting & D:S = 50:1



Fold reading on the images



High accuracy (1.0%) measurement

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



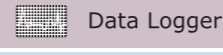
Dual-laser targeting



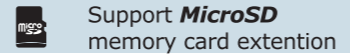
Date/Time setup controls



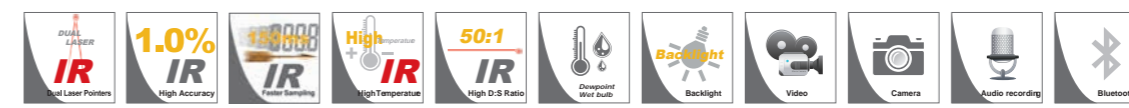
USB interface



Data Logger



Support **MicroSD** memory card extension



2.2" TFT Color LCD display

Capture Circular images(JPEG) 50 : 1 distance to spot size

9860S/9861S/9862S Series Professional Infrared Video Thermometers with 2.2" color TFT LCD display & a microSD memory card for capturing Circular 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 visible for wet and dry proof. These serials products are with international patent and good hand 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.

Features

- 2.2" Color TFT LCD and Built-in 640 x 480 Camera With a microSD card for capturing images (JPEG) and video (3GP) for viewing on your PC
- Dual laser indicates ideal measuring distance where the two laser points converge to a 1" target spot
- Fast 150 millisecond response time
- Color bargraph for viewing trends
- Type K Thermocouple input
- Air Temperature and Relative Humidity measurement
- Adjustable emissivity increases measurement accuracy for different surfaces
- Adjustable High/Low set points with audible alarm alerts user when temperature exceeds the programmed set points
- MAX/MIN/AVG/DIF functions
- Trigger lock function for continuous readings
- USB interface
- Auto power off
- Double molded housing

Specifications

	9860S	9861S	9862S
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
Response Time	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		
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		

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



EMC
EN: 61326-1
EN: 61010-1

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Model 9860S

