



Handheld Infrared Thermometer w/ Hygrometer 8857

- The most popular IR+humidity two in one meter to get air temp./surface temp. /Humidity/wet bulb temp./dew point temperature
- To get the temp. difference between dew point temp. & surface temp. in a click
- Quick and accurate IR response time:500ms
- Gear damper device for sensor protection
- IR emissivity value adjustable 0.3~1.0
- Built-in laser beam (670nm) for targeting



Metric/Imperial



Auto Power Off



Low Battery



Backlight



PC Link



Latest capacitance humidity measuring technology

Small change can be detected



Advanced capacitance humidity sensor

20 times response area compared to IC type sensor

Fast, Accurate and Reliable



USB CABLE & SOFTWARE
P/N: VZUSBAZM

Ordering Code

VZ8857AZ, 8857 meter
VZUSBAZM, USB software kit

*Available for EB project



Model	8857
IR Temp. range	-40~500°C
IR Temp. resolution	0.1°C/°F
IR Temp. accuracy (Which is greater)	+/-2% or 2°C at -20~200°C, others is +/-3% or 3°C
Temp. range	-20~50°C
Temp. resolution	0.1°C/°F
Temp. accuracy	+/-0.6°C
Humidity range	0.1%RH~99.9%RH
Humidity resolution	0.1%RH
Humidity accuracy	+/-3%RH (at 25°C, 10~90%RH, others +/-5%RH)
Dew Point temp	-68~49.9°C
Wet Bulb temp	-21.6~49.9°C
IR Repeatability	+/-1°C
Emissivity	0.3~1.0 adjustable
D:S ratio	8:1
LCD size	44(W)x26(H)mm
Operating temp.	0~50°C
Operating RH%	Humidity < 80%
Storage temp.	-20~50°C
Storage RH%	Humidity < 90%
Dimension	70x50x175mm
Weight	140g
Battery	AAA battery x 4pcs
Optional	Software&cable kit
Standard Package	Meter/Battery/Manual/Carry case

What is the application of Dew Point Temperature?

- In summer or high humidity season, identifies and warns when conditions for mold growth exist
- In winter or low humidity season, identifies and warns when conditions for static electricity exist
- Air temperature and dew point temp. indicate where condensation may occur
- Monitor conditions in laboratories, basement and other controlled environment settings

