



Actual Size

## TS-100 & TS-100-6PK



The TS-100 Temperature & Humidity Data Logger is small enough to fit on a keychain, yet one of the most powerful and accurate instruments of it's kind.

The TS-100 meters connect to Apple and Android smartphones, tablets, and smart watches via **Bluetooth**<sup>®</sup> SMART

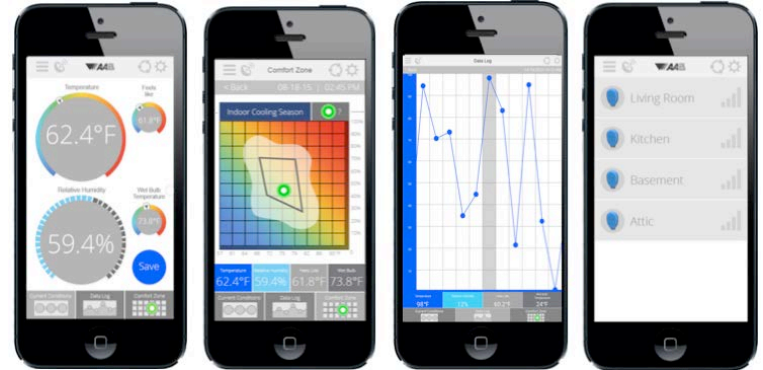
The complimentary app assists the user through taking several tests with onscreen guidance including:

- Dry Bulb Temperature
- Wet Bulb Temperature
- Feels Like Temperature (compares Temperature & Humidity)
- Dew Point
- Relative Humidity

Each TS-100 meter contains a solid state EEPROM memory chip that stores the last 20,000 Dry Bulb Temperature and Relative Humidity readings. The readings are also uploaded each time the meter is connected to your smartphone or tablet. The measurements are stored in a FIFO (first in, first out) log so that the most current readings are always available. The user has the option of naming each TS-100 meter as it is being deployed with custom names to identify the location.

Reading Increments	Data Log Capacity	
	Hours	Days
5 Seconds	28	1.2
30 Seconds	167	7
1 Minute	333	14
5 Minutes	1,667	69
30 Minutes	10,000	417
Hourly	20,000	833
Daily	480,000	20,000

\* If the meter is set to take a reading once every 5 minutes, the log will retain the last 69 days of data.



### Features

- Comes with 1/4"-20 metal D-ring connector, key chain split-ring and alligator clip for mounting in various configurations
- Can also be mounted on the EXP-64 Extension Pole & TRI-MIN Tripod
- Emails professional detailed history report from within the app to enhance professionalism and validate work performed
- Weather resistant housing protects the sensors while in the closed/off position and provides quick and accurate readings when in the open/on position

### Technical Data

Temperature accuracy:  $\pm 0.36^{\circ}\text{F}$ , ( $\pm 0.2^{\circ}\text{C}$ )  
 Relative Humidity Accuracy  $\pm 3\%$   
 Power: Panasonic 3.6V, CR 2450 Coin Cell Lithium Battery  
 Battery Life: >500 hours of activity  
 Units of Measure: Standard Fahrenheit & Metric Celsius  
 Operational temperature range:  $-4^{\circ}\text{F}$  to  $+158^{\circ}\text{F}$  ( $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$ )

### TS-100-6PK TempSmart 6-Pack

The 6-pack option makes it easy and cost effective to deploy multiple meters at a job site. Each meter can be individually named once deployed to make tracking and analysis easy.



### WORKS WITH

All Apple iPhones 4S or newer & iPads Generation 3 or newer operating on iOS 7.0 or newer.

All Bluetooth Smart compatible Android phones & tablets with operating system 4.3 (Jelly Bean) or newer.

For a list of compatible Android phones please visit [aabsmart.com/checkmyphone](http://aabsmart.com/checkmyphone)

### SPECIFICATIONS

#### TS-100

Weight .1 lbs

Dimensions 2.5" x 5.2" x 0.76" WHD

#### TS-100-6PK

Weight 1.2 lbs

Dimensions 4.0"x6.5"x2.0" WHD

### WARRANTY

The TS-100 comes with a one year warranty from the time of purchase.

If you need help troubleshooting or have a faulty unit, please contact AAB support for a warranty replacement. [support@AABsmart.com](mailto:support@AABsmart.com)

### WHERE TO PURCHASE

This product is available at local HVAC wholesale distributors. For a list of local distributors please visit [www.AABsmart.com](http://www.AABsmart.com).



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