



Wi-Fi Temperature Monitor

Technical Overview

General Description

The Wi-Fi Temperature Monitor:

- Uses a 1-Wire Water resistant Digital Thermometer to measure temperature
- Needs a local Wi-Fi connection to send data to the Cloud
- Plug and Play device

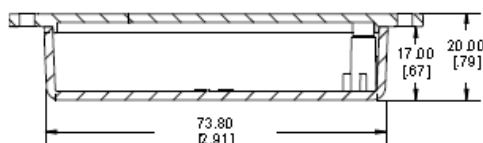


Features

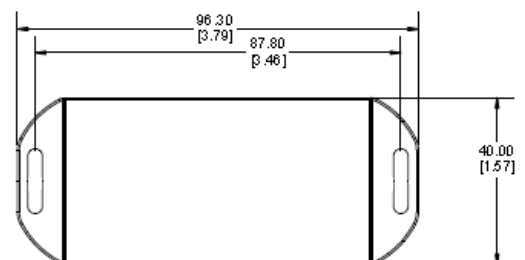
- Measures temperatures from -55°C to $+125^{\circ}\text{C}$ (-67°F to $+257^{\circ}\text{F}$)
- $\pm 0.5^{\circ}\text{C}$ ($\pm 0.9^{\circ}\text{F}$) accuracy from -10°C to $+85^{\circ}\text{C}$ (14°F to $+185^{\circ}\text{F}$)
- User definable temperature output in degrees Celsius or Fahrenheit
- User definable precision to the degree, 10th or 100th of a degree
- User can recalibrate the monitor
- User definable update schedule (default is 1 hour)
- User definable change in temperature causes an immediate data transmission (default is 2 degrees F)
- 4 levels of notifications
- SMS text and/or email notifications
- Notifies a single person or group of several people for each level of notification
- Graph of last 60 hours for basic monitoring service
- View dashboard from PC or Apple Computers, Tablets or any Apple or Android mobile device

Technical Data

- Maximum power consumption of 300mA
- Supports TCP/IP, the full 802.11 b/g/n/e/i WLAN MAC protocol and Wi-Fi Direct specification
- Supports WPA/WPA2 PSK, and WPS
- 802.11n support (2.4GHz / 5GHz)
- Internal antenna
- Device Range: 250 - 300 ft
- Storage temperature range: -55°C - $+125^{\circ}\text{C}$ (-67°F - $+257^{\circ}\text{F}$)
- Operating temperature range: -20°C - $+100^{\circ}\text{C}$ (-4°F - $+212^{\circ}\text{F}$)
- Total dimension: 96 * 40 * 20 mm (3.79 * 1.57 * .79 inches)
- Operates with 4 to 20v DC or 90 to 240vAC



SIDE VIEW



TOP VIEW