

Wireless Temperature Data Logger



Specifications

Alarm Type: Audio high/low, low battery, calibration due, lost communication

Ambient Operating RH Conditions: 0% - 95% RH, Non-condensing (logger only)

Ambient Operating Temperature Conditions: -22.0°F - 122.0°F (-30.0°C - 50.0°C)

Antenna Type: Internal

Approvals: RoHS, FCC part 15 compliance, CE

Battery Backup: Four (4) AA batteries

Battery Life (Avg): 6 months (at 2 min sample rate in moderate conditions)

Cable Details: USB - male series A plug to 5 pin male series B mini plug

Cable Length: 6 ft

Calibration Options: N100, N300, N400, N520

Channels: CH1: Temperature, CH2: Temperature

Data Capacity: 32,000 (16,000 per channel)

Digital Display: Yes

Dimensions: 1.7 in x 4.25 in x 4.25 in

Download Type: Wireless

Enclosure: Black ABS plastic clam shell

IP Rating: 21

Included Accessories: USB cable, AC adapter, four (4) AA batteries, quick start guide

Mounting Options: Free standing or wall mount (with keyhole)

Note on Alarm Type: All alarm conditions will generate a pop-up notification in the Dickson WiZARD Software. Text/Email notification with use of WiZARD SECURE software.

Notes: The WT345 logger reads temperature and sends data back to the receiver at regular intervals

Output Signal: 4800 baud serial data

PC Requirements: Minimum of 2 GB RAM; Windows XP (with service pack 3) and Windows 7; 2 available USB ports

Power Cord: 6 ft

Power Source: 120 V - 240 V AC, 12 V DC (INTL fittings available)

Power Source Input: 100 V - 240 V AC, 0.5 V, 50/60 Hz

Power Source Output: 9 V DC, 1 A

Power Status Indicator: Red/Green/Blue (RGB) LED

Radio Frequency: 900 MHz (902 MHz - 928 MHz)

Remote Sensor Length: 4 ft

Remote Sensor Type: Two (2) K Type thermocouples with mini connector

Response Time: 30 s to 63% FS

Sample Interval: User selectable (from 10 s to 1 hr in 10 s intervals)

Signal Strength: Less than 100 mW

Storage Conditions: -22.0°F - 158.0°F (-30.0°C - 70.0°C), 0% - 95% RH, Non-condensing

Temperature Accuracy: $\pm 1.4^{\circ}\text{F}$ from 20.0°F - 122.0°F ($\pm 1.0^{\circ}\text{C}$ from -30.0°C - 50.0°C)

Temperature Range: -300.0°F - 2000.0°F (-184.0°C - 1093.0°C)

Temperature Sensor Type: Digital temperature sensor

Unit Weight: 3 lbs

Units/Pkg: 1

Wireless Range: 300 ft