

## 2.4 GHz 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

**Data Capacity:** 32,000

**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, one (1) RTD probe, 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 available with use of WiZARD Enterprise and SECURE Software.

**Notes:** The WTG50 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:** 2.4 GHz

**Remote Sensor Length:** 6 ft

**Remote Sensor Type:** 1 platinum RTD probe (hard-wired)

**Response Time:** 30 s to 63% FS

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

**Signal Strength:** Less than 10 mW

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

**Temperature Accuracy:**  $\pm 0.5^{\circ}\text{F}$  from -148.0°F - 350.0°F ( $\pm 0.3^{\circ}\text{C}$  from -100.0°C - 176.0°C)

**Temperature Range:** -148.0°F - 350.0°F (-100.0°C - 176.0°C)

**Temperature Sensor Type:** Resistance temperature sensor

**Unit Weight:** 3 lbs

**Units/Pkg:** 1

**Wireless Range:** 300 ft