

## Wireless Temperature Data Logger



## Specifications

**Alarm Type:** 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)

**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:** Ethernet

**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)

**Network Requirements:** If Host PC and Logger are on separate subnets, both Logger and Host PC subnets must be able to see each other. For best results, assign a fixed IP Address to the Host PC. If preferred, logger can be setup using DHCP

**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 WT640 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

**Remote Sensor Length:** 10 ft

**Remote Sensor Type:** One (1) K Type thermocouple 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:**  $\pm 1.8^{\circ}\text{F}$  from -22.0°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