MODEL WBL - 200

The **WBL-200 series** offer 2 types of transmitters (the model WBL200M and the WBL200T) and one receiver (the model WBL200R). This series of wireless data loggers are compact, portable, easy to use and will measure and transmit when enabled

WBL200M is a miniature packaged data logger for RH and temperature, housed in a ESD (electro static discharge) enclosure, can transmit up to 70ft in the line of sight, powers: 3.6Vdc Lithium coin cell battery, Dimensions: 4.75" (120mm)L * 1.5"W (38.1mm) * 0.375" H (9.5mm).

WBL200T is a data logger for humidity and temperature housed in a aluminum enclosure, can transmit up to 250 ft in the line of sight, powers: 2 AA lithium batteries, Dimensions: 6.75" L (171.5mm) * 3" W (76mm) * 1" H (25.4mm)

WBL200R- (required) is a receiver for both the WBL200M and the WBL200T, power through the USB port on a PC.

Features

- Real time on board data logging capabilities
- Ultra Low power consumption. Up to 3-5year battery life depends on usage
- Transmission parameters configurable by user
- PC compatible, software included
- Transmit up to 250 feet
- 0-100%RH, -40 to 85C°
- FCC and CE approved

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Specifications:	
Temperature Sensor:	CMOS
Temperature Range:	-55C° to 130C°
Accuracy:	+/-1C° at 25 typical
Humidity Sensor:	Capacitive (polymer)
Humidity Range:	0-100%RH
Humidity Resolution:	0.3%
Calibrated Accuracy:	+/-1.5%RH between 0-10%, +/-2% between 11-55%, +/-3%between 56-100%
Drift Rate:	1%/yr
Response Time:	Time constant 3 sec, typical
On Board Data Logging:	20,000 data points (Humidity and Temperature)
Real Time Recording:	Transmit data to PC for monitoring and recording
Reading Intervals:	1 minute to 60 minutes
Computer Interface:	RS232, USB
RF Frequency:	2.4Ghz. Coexist with: WiFi and Blue Tooth
Typical Battery Life:	WBL200M: 1 yr at one sample reading every 15 minutes WBL200T: 3 yr at one sample reading every 15 minutes
Approvals:	FCC and CE
Optional software for client/server data storage in SQL Server/Oracle	

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