EXTECH INSTRUMENTS
A FLIR COMPANY

Experience the Extech Advantage

PRODUCT DATASHEET

MultiMeter/Datalogger with Wireless PC Interface

CAT IV, Datalogging, and Wireless features

CAT IV True RMS MultiMeter datalogs up to 9,999 readings with wireless USB interface capability to transmit readings to your PC in real time

Features:

- Real time datalogging or wireless data transmission directly to your PC (30ft/10m)
- True RMS measurements for accurate AC Voltage and Current measurements
- Diode open circuit voltage of 2.8V DC
- Double molded construction for waterproof (IP67) protection
- CAT IV-600V safety rating for industrial applications
- 1000V input protection on all functions
- Dual sensitivity frequency functions
- Backlit triple LCD display includes two sub-displays for simultaneous indication of frequency with voltage and memory data/location information
- Auto power off with disable feature
- Complete with double molded test leads, magnetic hanging strap, Type K bead wire temperature probe, remote receiver with USB cable, Windows® compatible software, 9V battery and hard carrying case

WIRELESS Transmitter

A. Continuous wireless data transmission from meter to your PC in real time.
B. Drop-proof to 6 feet (1.8m). Meter is built tough with double molded housing.
C. Waterproof IP67 for the most extreme operating conditions.

Specifications	
Functions	
Display Counts	40,000 count
Basic Accuracy	0.06%
DC/AC Voltage	0.01mV to 1000VDC; 0.01mV to 1000VAC
DC/AC Current	0.01µA to 20A
Resistance	0.01Ω to 40MΩ
Capacitance	0.001nF to 40mF
Frequency (electrical)	40Hz to 4kHz
Frequency (electronic)	0.001Hz to 100MHz
Temperature	-50 to 1382°F (-45 to 750°C)
Duty Cycle	0.1 to 99.90%
Diode (2.8V)/Continuity	Yes
CE approved	Yes
Dimensions	7.25x3.25x2.25"(184x83x57mm)
Weight	12.3oz (349g)

Ordering Information

EX540 .....MultiMeter/Datalogger with Wireless PC Interface (914MHz)
EX540-NIST ....EX540 with NIST Certificate

EX542 .....MultiMeter/Datalogger with Wireless PC Interface (433MHz)
EX542-NIST ....EX542 with NIST Certificate

(NOTE: USA, Mexico, and Canada use 914MHz model and majority of other countries use 433MHz model)

FC CE IP67 Waterproof Dustproof EN 61010-1 CAT IV 600V 3 YEARS WARRANTY