



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# MultiMeter/Datalogger with Wireless PC Interface

## CAT IV, Datalogging, and Wireless features

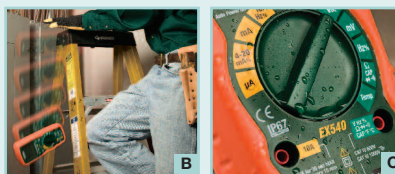
CAT IV True RMS MultiMeter datalogs up to 9,999 readings with wireless USB interface capability to transmit readings to your PC in real time

### 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 (915MHz)

EX540-NIST ....EX540 with Calibration Traceable to NIST.

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

EX542-NIST ....EX542 with Calibration Traceable to NIST.

(NOTE: USA, Mexico, and Canada use 915MHz model and majority of other countries use 433MHz model)

