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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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## New! Fluke 233 Remote Display Multimeter

### Technical Data



The **NEW** Fluke 233 True-rms Remote Display Digital Multimeter allows you to be in two places at once.

- Removable display gives the user ultimate flexibility in unusual measurement scenarios
- Place the display where you can see it and then put the meter where it is convenient for you—no more juggling of leads and the meter while stretching into a tight spot
- Removes the dilemma of trying to take measurements in hard-to-reach places, or making measurements in machines or panels that are physically separated from a limit or isolator switch
- Can be used in areas where the operator can't be close to the active measurement point, like clean rooms or hazardous areas



- True-rms ac voltage and current for accurate measurements on non-linear signals
- Measure up to 1000 V ac and dc
- Measure up to 10 A (20 A for 30 seconds)
- 10,000  $\mu$ F capacitance range
- Frequency to 50 kHz
- Built in thermometer conveniently allows you to take temperature readings without having to carry a separate instrument
- Resistance, continuity and diode test

#### Features

- Low power wireless technology allows the display to be carried up to 10 meters (33 ft) away from the point of measurement for added flexibility. No interference with measurements

- The removable magnetic display can be conveniently mounted where it is easily seen
- Make measurements without holding the meter to improve visual focus on probes and augment safe electrical measurements
- Use as a conventional multimeter when the display is connected
- Radio transmitter automatically turns off when the display is connected to the meter
- Auto power off maximizes battery life
- Min/Max and Average recording to capture variations automatically
- Test continuity and diodes
- Easy to read display with large digits and bright backlight
- Battery life approximately 400 hours



## Accuracy specifications

DC voltage	Range	0.1 mV to 1000 V
	Accuracy	0.25 % + 2
AC voltage	Range	0.1 mV to 1000 V
	Accuracy	1.0 % + 3
DC current	Range	0.1 mA to 10 A
	Accuracy	1.0 % + 3
AC current	Range	0.1 mA to 10 A
	Accuracy	1.5 % + 3
Resistance	Range	0.1 Ω to 40 MΩ
Counts		6000
Capacitance		1000 nF to 9999 μF
Frequency		0.1 Hz to 50.00 kHz
Temperature		-40 °C to +400 °C
Power		AA batteries: Three for main body; two for display
Battery life		400 hours
Wireless frequency		2.4 GHz ISM Band 10 meter range
Safety rating		CAT IV 600 V , CAT III 1000 V

## General specifications

<b>Basic features</b>	
AC true-rms	Yes
Ranging	Auto/Manual
<b>Display</b>	
Backlight	Yes
<b>Data storage</b>	
Min/Max/Avg	Yes
<b>Other features</b>	
Battery type	AA alkaline
Removable display	Yes
<b>Warranty and protection</b>	
Safety rating	CAT IV 600 V/CAT III 1000 V
External protection	Rubber overmold
Warranty	Three-years
Size (H x W x L)	5.3 cm x 5.3 cm x 19.3 cm (2.08 in x 2.08 in x 7.6 in)
Weight	604 g (1.3 lb)

## Ordering information:

### 233 Remote Display Multimeter

**Includes:** Test leads, alligator clips, 80BK-A temperature probe, manual, CD-ROM, and AA batteries

### Optional accessories

TPak Magnetic Hanging Kit  
 i410 AC/DC Current Clamp  
 80PK-9 General Purpose Probe (Type K)  
 80AK-A Thermocouple Adapter  
 C35 Soft Carry Case



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