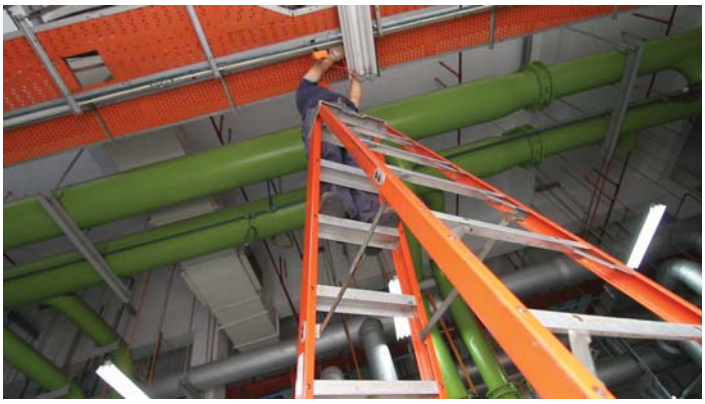
The Wireless Remote Connectivity Solution for Agilent Handheld Digital Multimeters Brochure

On site testing in large industrial sites can be challenging.

Machinery is large, and may be operating.



Test points can be far apart, or high above the ground.

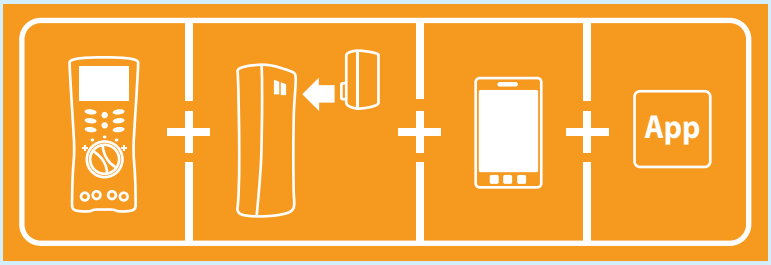
Have you ever wanted to carry out the tasks below with a handheld DMM but could not do so?

- *Measure multiple points during troubleshooting and yet log all of the data simultaneously?*
- *Need to make measurements at electrical panels while toggling switches at the other end of the hall?*
- *Diagnose and evaluate live machinery from a safe distance?*
- *Monitor measurements in harsh environments?*
- *Log all of the data to diagnose intermittent issues from afar?*

All these are made possible with the Agilent Wireless Remote Connectivity Solution for handheld DMMs.
Agilent lets you turn your Android smartphone or tablet into a remote measurement, control and reporting device.

Agilent Technologies

The Agilent Wireless Remote Connectivity Solution



Using *Bluetooth*® technology, the Agilent Wireless Remote Connectivity solution comprises of the Agilent U1177A Infrared (IR)-to-*Bluetooth* adapter, Agilent handheld digital multimeters (HH DMMs) and the Android applications, the Mobile Basic and Mobile Logger.

The core of the solution is the Agilent U1177A Infrared (IR)-to-*Bluetooth* adapter, a compact *Bluetooth* module that plugs into any of Agilent's handheld digital multimeters (HH DMMs).

The hardware and software setup

1. Making the hardware connection – it's as easy as A-B-C

First, switch on the *Bluetooth* adapter and attach it to an Agilent handheld digital multimeter (HH DMM). For the U1240 Series, a separate U1179A IR bracket is needed before you could plug in the *Bluetooth* adapter.

The U1177A *Bluetooth* adapter works with all Agilent handheld digital multimeters.

Each U1177A *Bluetooth* adaptor has its own unique Media Access Control (MAC) address. Pair the Agilent HH DMM that has an U1177A attached to it with Android smartphone or tablet. The wireless remote connectivity solution is now ready for your data monitoring and logging purposes.

Compatibility chart:

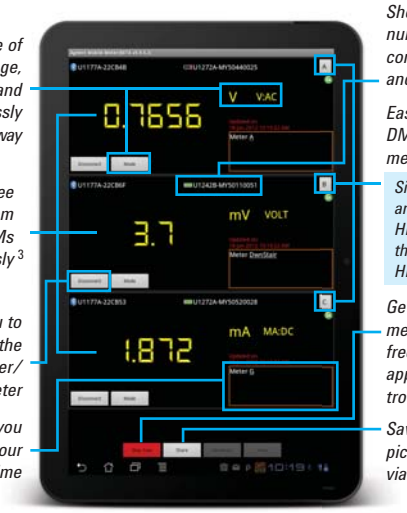
Model No.	U1230 Series	U1240 Series	U1250 Series	U1270 Series
Description	- Entry level HH DMMs - Ideal for basic measurements - Built-in torchlight for low light conditions	- General-purpose HH DMMs - Ideal for field testing - Switch counter, harmonic ratio functions to improve productivity	- General-purpose, high performance, high accuracy HH DMMs - Ideal for electronic troubleshooting - Enhanced capabilities include built-in square-wave generator, OLED display (U1253B)	- Full featured industrial HH DMMs with IP 54 ratings - Ergonomic, rugged, water-and-dust-resistant - Z_{LOW} to eliminate stray voltages, Smart Ω to minimize false readings due to leakage current, and Low Pass Filter (LPF) to eliminate high frequency noise and harmonics
Compatibility with the U1177A *Bluetooth* Adapter	✓	✓ (needs a U1179A IR bracket - sold separately as an accessory)	✓	✓

2. The software that makes data monitoring and logging possible

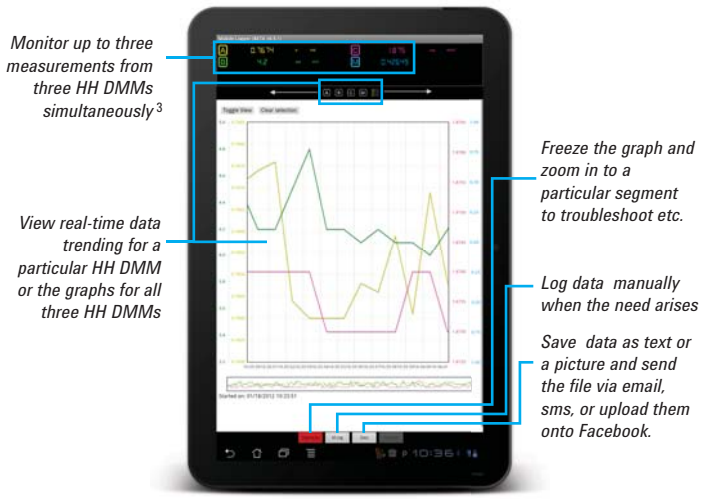
The Agilent Wireless Remote Connectivity solution comes with complimentary software applications, the Mobile Basic and Mobile Logger for Android smartphones or tablets[1].

First, download both applications from www.agilent.com/find/hh-Android, or from the Android Market (http://market.android.com/)

The Agilent Mobile Meter Android-based application

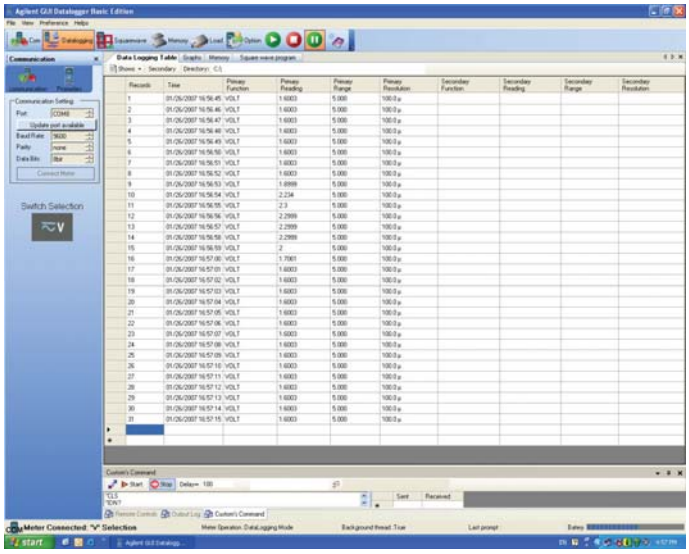


The Agilent Mobile Logger Android-based application

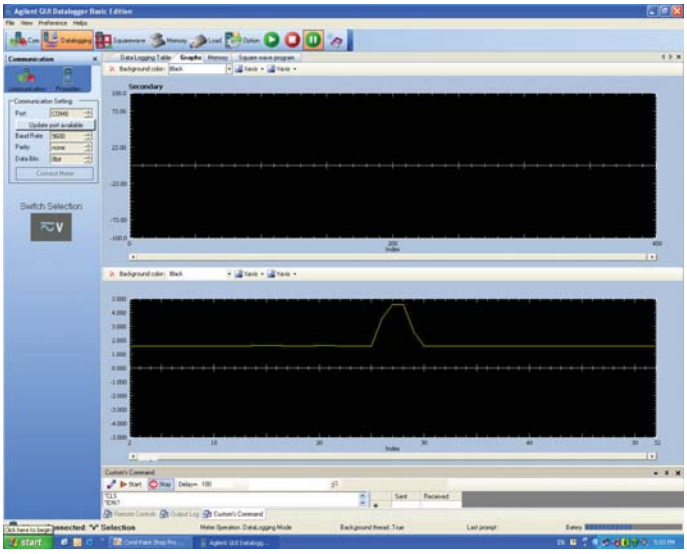


3. The Agilent Graphical User Interface (GUI) Data Logger Software for Personal Computer (PC) Users

Alternatively, data logging and monitoring activities can also be performed with Agilent GUI data logger software via *Bluetooth* connection.



Data logging in tabular format in Agilent GUI Data Logger Software



Data logging in graphical format in Agilent GUI Data Logger Software

Notes:
1. Tested on certain Android smart phones and tablets. Please refer to www.agilent.com/find/U1177A for more information.
2. Measurement functions depend on the rotary position of the HH DMM
3. Number of HH DMM connections depends on the smart phone / tablet used.

More information on the Agilent Wireless Remote Connectivity solution
Watch a video: www.agilent.com/find/hhgowireless
Download an application note: www.agilent.com/find/hhgowireless

www.agilent.com
www.agilent.com/find/hhgowireless

Agilent Email Updates

www.agilent.com/find/emailupdates
Get the latest information on the products and applications you select.

www.axiestandard.org
AdvancedTCA® Extensions for Instrumentation and Test (AXIe) is an open standard that extends the AdvancedTCA for general purpose and semiconductor test. Agilent is a founding member of the AXIe consortium.

www.lxistandard.org
LAN eXtensions for Instruments puts the power of Ethernet and the Web inside your test systems. Agilent is a founding member of the LXI consortium.

www.pxisa.org
PCI eXtensions for Instrumentation (PXI) modular instrumentation delivers a rugged, PC-based high-performance measurement and automation system.

Agilent Channel Partners

www.agilent.com/find/channelpartners
Get the best of both worlds: Agilent's measurement expertise and product breadth, combined with channel partner convenience.

Bluetooth and the Bluetooth logos are trademarks owned by Bluetooth SIG, Inc., U.S.A. and licensed to Agilent Technologies, Inc.

Agilent Advantage Services

Agilent Advantage Services is committed to your success throughout your equipment's lifetime. To keep you competitive, we continually invest in tools and processes that speed up calibration and repair and reduce your cost of ownership. You can also use Infoline Web Services to manage equipment and services more effectively. By sharing our measurement and service expertise, we help you create the products that change our world.

www.agilent.com/find/advantageservices

Agilent Electronic Measurement Group
DEKRA Certified
ISO 9001:2008
Quality Management System

www.agilent.com/quality

For more information on Agilent Technologies' products, applications or services, please contact your local Agilent office. The complete list is available at:

www.agilent.com/find/contactus

Americas

Canada	(877) 894 4414
Brazil	(11) 4197 3600
Mexico	01800 5064 800
United States	(800) 829 4444

Asia Pacific

Australia	1 800 629 485
China	800 810 0189
Hong Kong	800 938 693
India	1 800 112 929
Japan	0120 (421) 345
Korea	080 769 0800
Malaysia	1 800 888 848
Singapore	1 800 375 8100
Taiwan	0800 047 866
Other AP Countries	(65) 375 8100

Europe & Middle East

Belgium	32 (0) 2 404 93 40
Denmark	45 45 80 12 15
Finland	358 (0) 10 855 2100
France	0825 010 700*
	*0.125 €/minute
Germany	49 (0) 7031 464 6333
Ireland	1890 924 204
Israel	972-3-9288-504/544
Italy	39 02 92 60 8484
Netherlands	31 (0) 20 547 2111
Spain	34 (91) 631 3300
Sweden	0200-88 22 55
United Kingdom	44 (0) 118 927 6201

For other unlisted countries:
www.agilent.com/find/contactus

Revised: January 6, 2012

Product specifications and descriptions in this document subject to change without notice.

© Agilent Technologies, Inc. 2012
Published in USA, February 1, 2012
5990-9807EN

Agilent Technologies

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for keysight ***manufacturer:***

Other Similar products are found below :

34904A 34465A U5404A U3606B U3400A-1CM U1461A U1281A U1251B U1194A U1185A E3640A E3634A DSOX3014T 10833F N3307A U1117A U1232A U1452A 82350C 34460A N2782B N6773A 10074D DAQA194A 53220A/903 33511B/903 N2779A/903 N2820A N6734B U1780A/903 U8001A/0EM/903 DAQM905A E3640A/0EM/903 DAQM903A N6743B E3634A/0EM/903 E3633A/0EM/903 N4837A N2891A E3648A/0E3/902 E3642A/0EM/903 U2781A 33522B U1115A U1594A E36313A E363GPBU N1294A-001 U2941A-107 DSOX1204A+D1200BW2A