

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP E1411A 5.5-Digit Multimeter

The Agilent/HP E1411A isaC-size 1-slot VXI 5.5-digit digital multimeter for automated DC/AC voltage and resistance measurements in a VXI mainframe. Message- or register-based family programming via an E1406A command module using SCPI. Companion to E1410/E1411/E1412 VXI DMM family (E1412A is 6.5-digit). VXI ATE DMM; scanned measurements with VXI multiplexers (E1460/E1476/E8462); production DC voltage and 2/4-wire ohms. Isolation: VXI analog measurement isolation per DMM family Math: SCPI measurement functions via command module Calibration: periodic DMM cal; store constants in module Safety: measurement category per E1411A manual

**MODEL****Keysight / Agilent /
HP E1411A****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****E1411A****LISTING**[https://aumictechlabs.c
om/products/e1411a-2/](https://aumictechlabs.com/products/e1411a-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight/Agilent/HP E1411A is a 5.5-digit VXI multimeter module designed for automated test systems requiring precision measurement and high-speed data acquisition. This C-size, 1-slot register-based instrument integrates directly into VXIbus mainframes and delivers flexible measurement capabilities across DC voltage, AC voltage, resistance (2-wire, 4-wire, offset-compensated), temperature, and frequency. Dual analog-to-digital converters - an integrating A/D for low-noise 5.5-digit resolution and a sampling A/D for high-speed 14-bit readings - enable

operation across diverse measurement scenarios. With sampling rates to 13 kHz and external trigger support at up to 5 kHz minimum pulse width of 100 ns, the E1411A suits demanding laboratory and field-test environments. Autoranging simplifies operation, while software calibration and self-test diagnostics ensure instrument integrity. SCPI command language support enables seamless integration into automated test sequences. The module operates as a stand-alone instrument or combines with VXI relay or FET multiplexers to create multichannel scanning configurations. Balanced differential isolated inputs provide solid noise immunity. Safety and compliance certifications include IEC 1010-1, EN61010-1, CSA C22.2#1010.1, UL 3111, CISPR 11:1990/EN55011 (Group 1, Class A), EN50082-1:1992, with 4 kV contact discharge and 8 kV air discharge ESD protection per IEC 801-2, and 3 V/m radiated immunity per IEC 801-3. Technical Specifications Resolution: 5.5-digit Sampling A/D: 14-bit at rates up to 13 kHz Maximum trigger rate: 5 kHz Minimum external trigger pulse width: 100 ns Module format: C-size, 1-slot, VXI register-based Input configuration: Balanced differential isolated Key Features Dual A/D architecture: integrating A/D for low-noise precision; sampling A/D for high-speed measurements Measurement functions: DC voltage, AC voltage, 2-wire and 4-wire resistance, offset-compensated resistance, temperature (thermocouples, thermistors, RTDs), and frequency Autoranging capability Built-in timer pacer for flexible triggering External trigger support with 100 ns minimum pulse width SCPI command language programming Software calibration Self-test diagnostics Typical Applications Automated test and data acquisition systems Multichannel scanning configurations using VXI multiplexers Precision laboratory measurements High-speed measurement sequences Compatibility & Integration Direct integration into VXIbus mainframes Compatible with VXI relay and FET multiplexers (e.g., Keysight E1406A) Stand-alone operation supported Requires specific analog bus cabling for B-size multiplexer connections Electrically identical to E1326A/B modules with different form factor

Features & description

From manufacturer datasheet

Features

- 5.5-digit VXI DMM in one C-size slot

E1411A Characteristics / Specifications

PARAMETER	VALUE
Model	E1411A
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	VXI Digital Multimeter
Alias	E1411A; HP E1411A; Agilent E1411A
Digits	5.5
VXI Size	C-size 1 slot
Functions	DCV ACV resistance (2-wire / 4-wire class)
Typical DCV Ranges	millivolt to 300 V class VXI DMM (confirm faceplate ranges)
Integration	programmable NPLC class
Scan Use	pairs with VXI multiplexers E1460 E1476 E8462 E1351 families
Command Path	E1406A Slot 0 / resource manager SCPI
Related E1412A	6.5-digit VXI DMM
Related E1410A	earlier VXI DMM family member
Related Benchtop	34401A 6.5-digit (not this module)
Host	C-size VXI mainframe
Device Type	VXI DMM (message/register per firmware)
Input Terminals	front-panel DMM terminals
Isolation	VXI analog measurement isolation per DMM family
Trigger	VXI TTL/ECL trigger family
Math	SCPI measurement functions via command module
Cooling	VXI C-size airflow
Status	HP/Agilent E1411A EOL
Calibration	periodic DMM cal; store constants in module
Safety	measurement category per E1411A manual
NotASwitch	measurement module notamultiplexer

PARAMETER	VALUE
Software	SCPI / VXI plug and play Notes 5.5-digit C-size VXI DMM identity from HP/Agilent E1411A product literature. Exact range/accuracy tables are serial-prefix specific in the E1411A specifications: use the module manual for 1-year DCV accuracy rather than copying 34401A numbers.

E1411A Specifications

PARAMETER	VALUE
Applications	VXI ATE DMM; scanned measurements with VXI multiplexers (E1460/E1476/E8462); production DC voltage and 2/4-wire ohms.
Key Features	- 5.5-digit VXI DMM in one C-size slot
Technical Specifications	Model: E1411A

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	E1411A
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	VXI Digital Multimeter
Specifications	
PARAMETER	VALUE
Alias	E1411A; HP E1411A; Agilent E1411A
Digits	5.5
VXI Size	C-size 1 slot
Specifications	
PARAMETER	VALUE
Functions	DCV ACV resistance (2-wire / 4-wire class)
Typical DCV Ranges	millivolt to 300 V class VXI DMM (confirm faceplate ranges)
Integration	programmable NPLC class
Specifications	
PARAMETER	VALUE
Scan Use	pairs with VXI multiplexers E1460 E1476 E8462 E1351 families
Command Path	E1406A Slot 0 / resource manager SCPI
Related E1412A	6.5-digit VXI DMM
Specifications	
PARAMETER	VALUE
Related E1410A	earlier VXI DMM family member
Related Benchtop	34401A 6.5-digit (not this module)
Host	C-size VXI mainframe

Specifications

PARAMETER	VALUE
Device Type	VXI DMM (message/register per firmware)
Input Terminals	front-panel DMM terminals
Isolation	VXI analog measurement isolation per DMM family

Specifications

PARAMETER	VALUE
Trigger	VXI TTL/ECL trigger family
Math	SCPI measurement functions via command module
Cooling	VXI C-size airflow

Specifications

PARAMETER	VALUE
Status	HP/Agilent E1411A EOL
Calibration	periodic DMM cal; store constants in module
Safety	measurement category per E1411A manual

NotASwitch: measurement module notamultiplexer

Software: SCPI / VXI plug and play

Notes

5.5-digit C-size VXI DMM identity from HP/Agilent E1411A product literature. Exact range/accuracy tables are serial-prefix specific in the E1411A specifications: use the module manual for 1-year DCV accuracy rather than copying 34401A numbers.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 13, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.