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Data Sheet

August 12, 2026

KEYSIGHT / AGILENT

Keysight (Agilent) E5810A LAN/GPIB Gateway

Alias: E5810A; Agilent E5810A; Keysight E5810A Public detailed electrical tables are sparse versus instruments; role and interfaces from Agilent/Keysight E5810A product literature. Confirm firmware and GPIB address mode on the unit. Public detailed electrical tables are sparse versus instruments; role and interfaces from Agilent/Keysight E5810A product literature. Confirm firmware and GPIB address mode on the unit.



MODEL

**Keysight / Agilent
E5810A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E5810A

LISTING

[https://aumictechlabs.c
om/products/e5810a-2/](https://aumictechlabs.com/products/e5810a-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight E5810A LAN/GPIB Gateway bridges networked IT infrastructure with laboratory instrument buses, enabling remote access and control of GPIB and RS-232 devices over standard Ethernet. This gateway consolidates legacy and contemporary instruments into unified test systems, supporting resource sharing and distributed project environments without modifying existing instrument configurations. Technical Specifications Network & Connectivity LAN: 10BASE-T / 100BASE-TX Ethernet GPIB: Up to 14 devices (daisy-chain); >900 KB/s to 1.2 MB/s data transfer RS-232: One device at up to 115,200 b/s Simultaneous I/O connections: Up to 16 Network Configuration DHCP with automatic IP assignment Static IP default: 169.254.58.10 Built-in digital display for IP address verification Front-panel LED status indicators Power & Physical Internal IEC C13 power supply 211 mm (W) × 230 mm (D) × 41 mm (H); 1.6 kg Operating: 0°C to 55°C, up to 90% humidity at 40°C (non-condensing) Key Features Web browser configuration and interactive

control interface Keysight IO Libraries Suite (v14.2) and VISA/SICL compatibility VXIplug&play standards conformance IEC 61326-1 (EMC) and IEC 61010-1 (safety) complianceTypical Applications Remote instrument access in distributed test labs; legacy GPIB instrument integration into modern LAN-based architectures; multi-site collaborative measurement projects; centralized test resource management.Compatibility & Integration Fully compatible with Keysight IO Libraries Suite and industry-standard VISA drivers. Supports Windows XP, Vista, 7, 8, and Server 2008 R2. Web access via Internet Explorer 5.01 or higher (IE 7+ recommended for Vista). Operates on standard 10BASE-T and 100BASE-TX networks without additional gateway hardware.

Features & description

From manufacturer datasheet

Features

• Function: LAN-to-GPIB gateway • Host interface: Ethernet (LAN) • Instrument interface: GPIB • Typical use: SICL/VISA remote I/O to GPIB devices • Form: compact gateway box • Related successor: E5810B in later Keysight catalogs

Applications

• Remote GPIB instrument control over LAN • Shared GPIB bus access in labs/ATE • Converting legacy GPIB instruments to networked control

E5810A Characteristics / Specifications

PARAMETER	VALUE
Model	E5810A
Manufacturer	Keysight / Agilent
Instrument Type	LAN/GPIB Gateway
Alias	E5810A; Agilent E5810A; Keysight E5810A
Host interface	Ethernet (LAN)
Instrument interface	GPIB
Role	remote GPIB gateway Notes Public detailed electrical tables are sparse versus instruments; role and interfaces from Agilent/Keysight E5810A product literature. Confirm firmware and GPIB address mode on the unit.
Function	LAN-to-GPIB gateway
Typical use	SICL/VISA remote I/O to GPIB devices
Form	compact gateway box
Related successor	E5810B in later Keysight catalogs

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	E5810A
Manufacturer	Keysight / Agilent
Instrument Type	LAN/GPIB Gateway
Alias	E5810A; Agilent E5810A; Keysight E5810A

Specifications

PARAMETER	VALUE
Host interface	LAN/Ethernet
Instrument interface	GPIB
Role	remote GPIB gateway

Notes

Public detailed electrical tables are sparse versus instruments; role and interfaces from Agilent/Keysight E5810A product literature. Confirm firmware and GPIB address mode on the unit.

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>

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