Option 25

GPIB-to-Ethernet Controller

DATA SHEET

- Enables LAN connectivity to Pendulum Counter/Analyzers

- Now 3 alternative interfaces for Pendulum Counter/Analyzers; GPIB, USB and Ethernet

- No drivers to install

- No GPIB cable needed, the unit plugs in to instrument

- Standard RJ-45 and IEEE-488 (male) connectors

- Use with NI LabView, Keysight VEE or other applications

- Affordable

The Option 25, GPIB-to-Ethernet Controller, enables remote control and monitoring, of any Pendulum Counter/Analyzer in the CNT-90 series, over a LAN network. This new Ethernet control and monitoring interface, complements the two standard interfaces, GPIB and USB.

Option 25 converts any PC with Ethernet port to a GPIB controller

Option 25 can remotely control GPIB enabled instruments via Ethernet, for example the CNT-90 series of Timer/Counter /Analyzers.

The Option 25 interprets high level commands received from the host computer and performs the appropriate low-level GPIB protocol handshaking.

Install the GPIB-ETHERNET controller to any network enabled computer using an Ethernet cable. No special drivers are required.

Computer Software

A wide variety of host software may be used to communicate with the GPIB- ETHERNET controller:

- Terminal programs – any terminal emulation program such as HyperTerminal, Tera Term Pro, or Minicom can be used to communicate with the controller and instruments connected to it.

- Custom applications – any programming language or environment that provides network access may be used to develop custom applications.

- Graphical programming environments like National Instruments LabView and Keysight VEE may be used as well.

Note that TimeView™ cannot provide Ethernet network access. It can only communicate via USB or GPIB.

Specifications

Supported OS: Any OS with TCP/IP stack (Windows 98/2000/XP/Vista/7, Mac OS 8/9/X, Linux, FreeBSD, etc)

Supported GPIB Standards: IEEE 488.1, IEEE 488.2

Supported GPIB features & limitations:

All text-based SCPI commands of CNT-9x are supported.

Parallel poll, pass control, event notifications via SRQ - not supported

GPIB functions of serial poll, selected device clear, reading status SQR line - are available using custom text commands.

Power: 8-15V DC, 200 mA. An external 110V-240V power adapter is included

Indicators: Power

IP configuration: Static and Dynamic (DHCP) TCP

Port: 1234

Dimensions LxWxH: 6,4 x 6,4 x 2,5 cm (2.5 x 2.5 x 1.0 in).

Weight: 85g (3 oz.)

Order number:

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