

# 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, HP 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

The Pendulum Service Agreement is a cost effective way for the customer to secure the investments made in Pendulum Instruments products. The Service Agreement secures periodic controls and calibration of the products and a rapid remedy in the unlikely event of a breakdown. When Pendulum Instruments products are critical for the operation of for instance a production or calibration facility, this service can save large values in otherwise lost revenue.

Option 25 can remotely control GPIB enabled instruments such as 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 Agilent 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:** Windows 98/2000/XP/Vista/7, Mac OS 8/9/X, Linux,

**FreeBSD Supported Standards:** IEEE 488.1, IEEE 488.2

**GPIB commands supported:** All except PARALLEL POLL, PASS CONTROL

**Power:** 8-15V DC, 200 mA

**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: (3 oz.)

### Order number:

**Option 25:** GPIB-to-Ethernet controller

