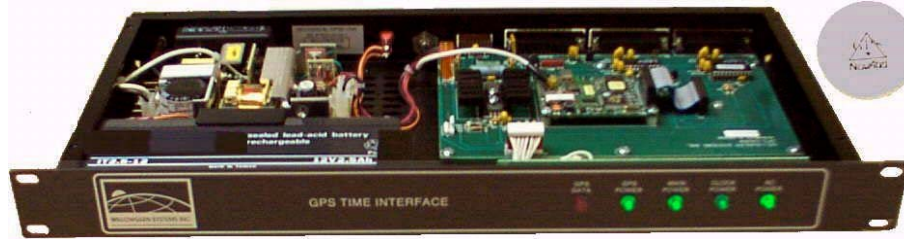


GPS Time Interface



General Description

Using the accuracy of Global Positioning System (GPS) technology, the Willowglen GPS Time Interface is an industrial grade, precision time-keeping satellite receiver.

The Time Interface is an extremely accurate, low cost alternative to the high accuracy clocks conventionally used in SCADA systems. The GPS system allows the Standard Time (GMT) to be accurately broadcast over the SCADA local area network to ensure that all of the servers and workstations are synchronized and that the real-time and historical data is accurate.

The low cost of the GPS Time Interface allows placement of units at remote locations to guarantee accuracy of the data gathered from these locations.

A compact version of the Time Interface is available for use with Willowglen Remote Terminal Units (RTU).

Features

- 19 inch rack mountable, 1.75 inch (1U) height.
- Five parallel satellite tracking channels
- Tracks and uses measurements from up to nine satellites.
- Maximum operational flexibility using user commands.
- Three-Satellite Navigation upon command from acquisition.
- User selectable satellites.
- Optional operation over an extended temperature range (-40° C to +85° C)
- Also available as a field mounted version for unsurpassed accuracy in isolated locations

General Specifications

Mechanical

- Chassis is 16 gauge steel
- Finish: Polyurethane based, lightly textured, semi-gloss paint
- Cable Length of 30 m (100 feet) with RG58AU
- **Size:** 44 mm x 482 mm x 206 mm (1.7 in.x 19 in. x 8.1 in.)
- **Weight:** 2.2 kg (5 pounds)

Primary Power

- 110-240 Volts AC single phase 47-63 Hz into 15 VDC 2.5 A supply
- 12 VDC 2.2 AH battery backup

Environmental

- **Operating Temperature:** 0°C to +45°C (32°F to +113°F)
- **Storage Temperature:** -40°C to +70°C (-40°F to +158°F)
- **Operating Humidity:** 20% to 80% (non-condensing)
- **Storage Humidity:** 5% to 90% (non-condensing)

For additional information on specific configurations and pricing, please contact Willowglen Systems Inc.

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Specifications subject to change without notice.
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