

Portable Telemetry Ground Support System



Applications

- Ground Support Equipment
- Pre-flight Checkout
- Telemetry Workstation
- Real-time Quick-Look Station
- CAIS Bus Test

Features

- Portable Telemetry Ground Support System for Data Acquisition Systems
 - End-to-End Testing and System Integration
 - Data Archiving and Quick Look Displays
 - Engineering Unit Conversion
 - Data Acquisition System Programming
- Windows XP based notebook computer
 - Intel CoreDuo 2.0 GHz processor
 - 80 GB HDD
 - 1 GB RAM
 - DVD-ROM/CD-RW combo drive
 - 4 x USB 2.0 interfaces
 - 1 x RS-232C serial interface
 - 1 x 6-pin Firewire IEEE-1394 interface
 - 2 x 1 Gb Ethernet LAN interface
 - Built-in keyboard and trackball
 - One full size standard PCI slot
 - 15" bright TFT display 1024x768 px resolution
 - WindowsXP Professional Operating System
- Software included with the system
 - Microsoft Office Professional
 - Teletronics TTCWare data acquisition system support software
 - Teletronics TTCVision real time monitoring and playback

Description

The PSU-4000 is a Portable Telemetry Ground Support Unit built on an Industrial Notebook Computer that allows the installation of a PCI bus full size card with RF receiver, bit synchronizer, data decommutator, simulator, and IRIG time code reader such as the RBDS-120 Series or RMDS-300 Series (not included).

With the installation of a RBDS-120 Series or RMDS-300 Series of card, the PSU-4000 allows for Real Time Monitoring and Data Recording or Playback of previously recorded data. Telemetry data can be converted to engineering units and evaluated for out of limits conditions in real time. The PSU-4000 can also be used to configure TTC Data Acquisition Products using the TTCWare Application.

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PSU-4000 Datasheet

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