

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 7 based portable computer
 - Core Intel I7 mobile processor (2.6Mhz or better)
 - 1 TB HDD (removable)
 - 4 GB RAM
 - 6 x USB 2.0 interfaces
 - 2 x 1 Gb Ethernet LAN interface
 - Built-in keyboard and trackball
 - 5 PCI slots: 4 full size standard PCI slots; 1 half slot standard PCI
 - 17" bright TFT display 1920x1080 pixel resolution
 - Windows 7 Professional operating system (64 bit)
 - 18 to 24 VDC non-isolated input, includes external AC adapter
 - 3 slots for hot-swappable batteries
 - External AC/DC power supply
 - External 1 x USB to RS-232 adapter
- Software included with the system
 - Microsoft Office Professional
 - Teletronics TTCWare data acquisition system support software
 - Teletronics TTCVision or GSS-Lite real time monitoring and playback software

Description

The PSU-3000B is a Portable Telemetry Ground Support Unit built on an Industrial Portable 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-500 Series (priced separately if included).

With the installation of a RBDS-120 Series or RMDS-500 Series of card, the PSU-3000B 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-3000B can also be used to configure TTC Data Acquisition Products using the TTCWare Application.

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PSU-3000B Datasheet

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Specifications subject to change without notice.

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Management System
AS9100C
ISO 9001:2008