TELETRONICS TECHNOLOGY CORPORATION

PSU-2020D Datasheet

Portable Telemetry Support Unit



Applications

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

Features

- Portable Support Unit for TTC's data acquisition systems
  - End-to-end testing & integration
  - Data archive & quick display
  - Engineering unit conversion
  - Data system programming
- Windows XP based notebook computer
  - Minimum system specifications
  - Intel 2.8GHz Core 2 Duo processor
  - 1 PCMCIA slot
  - 1 Express card slot
  - 320GB 7200RPM hard drive
  - CD/DVD-RW drive
  - 2 GB RAM
  - 1 Gigabit Ethernet port
  - 3 USB 2.0 ports
  - 15.4" Widescreen TFT display (1920 x 1200)
  - 1 USB to RS-232 adapter
  - Microsoft Office Professional
  - TTCWare/TTCVision™
  - Windows XP Professional operating system
  - Nylon carrying case
- Expansion via plug-in PCMCIA cards
  - 20 Mbps bit synchronizer/decom/simulator
- TTCWare/TTCVision™ software
  - PCM telemetry checkout toolkit
  - Airborne equipment programming
  - Data display
  - Data snapshots
  - Processed parameters
  - System audit and configuration
- Accessories Included
  - USB to RS-232 adapter
  - DBS-120PC

Description

The PSU-2020D is a portable Telemetry Ground Support System built on a Notebook computer operating with Windows XP. The benefit of using a Notebook computer is its portability and the ability to operate from its battery. Typical battery life is up to 2 hours on a single charge. The TTCVision application controls the DBS-120PC card for Real Time monitoring and data recording, or to Playback previously recorded data. Telemetry data can be converted to engineering units and evaluated for out of limit conditions in real time. The PSU-2020D can also be used to configure Teletronics Airborne Data Acquisiton products using the TTCWare™ application.

AS9100 ISO 9001 KEMA CERTIFICATE

CAIS Compatible

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