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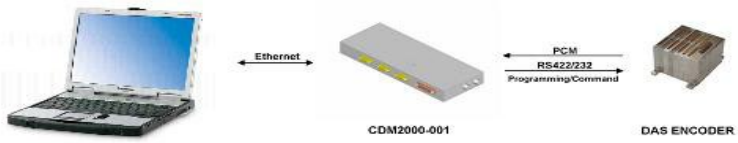
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Find the *L-3 Communications CDM2000-001-16* at our website: *Click HERE*

GSC2000-002
GROUND SUPPORT COMPUTER SYSTEM

L-3's GSC2000-002 is a portable, network-based data management system for controlling a Data Acquisition System (DAS), and also providing a variety of checkout, display and real time data monitoring capabilities.





L-3 Telemetry & RF Products (L-3 T&RF) GCS2000-002 (GCS2000) is a portable, network-based data management system for controlling a Data Acquisition System (DAS), and also providing a variety of checkout, display and real time data monitoring capabilities. The GSC2000 consists of a Panasonic Toughbook laptop with daylight readable display loaded with the Vista TEC configuration and display software, and a standalone Compact Data Manager (CDM) that provides the programming and data gateway between the GSC2000 and the DAS.

The size and network capability of the CDM allows the unit to be located and powered in either commercial (115/230VAC) or airborne (28VDC) environments. Combined into a tightly coupled system, these state-of-the-art components provide flight test engineers with powerful and convenient access for setup and evaluation of flight test data acquisition systems.

GSC2000-002 INCLUDES:

- Vista TEC™ Software for Programming and Data Processing, Display and Archiving
- CDM2000-001 – Compact Data Manager
- Panasonic Toughbook Computer 74 (or equivalent)

VISTA TEC™

L-3 T&RF's Vista TEC™ software provides Telemetry Equipment Configuration software that allows users to setup and control their data acquisition systems. Vista TEC is a member of the L-3 Vista family of applications which provided a single integrated solution supporting airborne data acquisition and encoding as well as ground support units and ground station systems.

Please refer to the Vista TEC product and optional Plug-In datasheets for more information.

CDM2000

L-3 T&RF's CDM2000-001, compact data manager (CDM), is a miniature, network-enabled unit that has application in both commercial and flight environments for setup and control of airborne data acquisition systems.

The CDM provides control and data interfaces between the flight test engineer and the rest of a Data Acquisition System (DAS). These interfaces include RS-422 and RS-232 serial interfaces to control other DAS components, a fully programmable PCM input interface to receive data from the DAS, and a 10/100/1000 base-T Ethernet output interface to provide frame data products to the Host and other computers over a network link. The small size of the CDM allows the unit to also be used as a standalone, general purpose PCM to Ethernet converter for use with legacy PCM encoder systems.

Please refer to the CDM2000-001 product datasheet for more information.

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GSC2000-002
GROUND SUPPORT COMPUTER SYSTEM

PANASONIC TOUGHBOOK 74

The Panasonic Toughbook 74 has been selected to provide a robust workstation suited to the lab and flight line requirements for data acquisition system setup and pre-flight checkout.

- Microsoft Windows® XP Professional SP2
- Intel® Centrino™ Duo Mobile Technology
- Daylight-readable Display with Touchscreen
- Spill-resistant Keyboard and Touchpad
- Wide Area Wireless-Ready Design Software

SOFTWARE
- Microsoft® Windows® XP Professional SP2
- Setup, DMI Viewer, Adobe® Reader, WinDVD 5
- On-Line Reference Manual, Utilities

STORAGE & MEMORY
- 1024 MB (min.) SDRAM [DDR2] standard, expandable to 4095MB
- 80GB HDD
- Combo

INTERFACE
- External Video Mini-D-sub 15 pin
- Headphones/Speaker Mini-jack Stereo
- Microphone/Line In Mini-jack Stereo
- Mini Port Replicator Dedicated 84 pin
- Serial D-sub 9 pin (UART 16550 compatible)
- USB 2.0 (x2) 4 pin
- 10/100/1000 Ethernet RJ-45
- 56K bps Modem RJ-11

WIRELESS LAN
- Intel® PRO/Wireless 3945 Network
- Connection with respective drivers
- Slide on/off switch
- Security

  Authentication: LEAP, WPA, 802.1x EAP-TLS, EAP-FAST, PEAP

  Encryption: CKIP, TKIP, 128-bit and 64-bit WEP, Hardware AES

CPU
- Intel® Core Duo Processor T2400: 2MB L2 cache
- Processor speed 1.63 GHz (Dual Core)
- 667 MHz FSB

DISPLAY
- 13.3” 1024 x 768 (XGA) transmissive, daylight-readable TFT Active Matrix Color LCD with Touchscreen
- External video support up to 2048 x 1536 at 16,777,216 colors
- Mobile Intel® 945 GM Express Chipset, DVMT (Dynamic Video Memory Technology) up to 128MB
- 460 Nit LCD Brightness

POWER SUPPLY
- Lithium ion battery pack (11.1 V, 7.8 Ah)
- Battery operation: approx. 8 hours**
- Battery charging time: approx. 4.5 hours**
- AC Adapter: AC 100V-240 V 50/60 Hz, Auto
- Sensing/Switching worldwide power supply
- Intelligent power measurement for precise battery status reporting
- Pop-up on-screen battery status reporting

DIMENSIONS & WEIGHT
- 1.7”-2.4”(H) x 12”(W) x 11.6”(D)
- 5.95 lbs.

L-3 Telemetry & RF Products

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BRML655 Rev A

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