



COMPACTFLASH™ INTERFACE ETHERNET SWITCHING CAPABILITY COMBAT PROVEN



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VYB-4CF

VYB-4CF is an intelligent microprocessor-based data loading unit. VYB-4CF manages access to mission data or file systems for data storage and retrieval from storage media through Ethernet by using industry standards such as SMB (SAMBA), FTP (File Transfer Protocol) and TFTP (Trivial File Transfer Protocol) file transfer protocols.

VYB-4CF is designed for avionics applications. VYB-4CF has CompactFLASH[™] media technology as a mass storage. The CompactFLASH[™] technology brings flexibility to VYB-4CF to increase mass storage as needed without any hardware modification. For safety of mission critical data, VYB-4CF's data purge capability can erase critical data in very short time.

VYB-4CF is designed to meet specific military standard requirements for airborne platforms. Therefore, it can be used on both rotary and fixed wing platforms.

General Specifications

- CompactFLASH™ Support
- Compact Design
- Conduction Cooling
- Removable and portable memory module
- Secure Erase Capability
- Ethernet switching capability

Interfaces

- 4 x CompactFLASH™ Interface (Type I/II Form Factors)
- 6 x 10/100 Base-T Ethernet
- 1 x 10/100/1000 Base-T Ethernet
- RS232 Interface
- RS422 Interface
- 16 x Discrete I/O Interface

Physical Specifications

- Dimensions : 58 mm (W) x 147 mm (H) x 193 mm (L)
- Weight: < 2 kg

Technical Specifications

- Power Input: 28 VDC (Nominal)
- Power Consumption : 20W (Nominal) / 30W (Maximum)
- Power hold-up for short time power interrupts

Environmental Conditions

- Operating Temperature and Altitude: -40°C / +55°C, 20.000 ft
- Storage Temperature: -55°C / +85°C

Qualifications

- MIL-STD-810
- MIL-STD-461
- MIL-STD-704



