

Removable Solid State Memory Cartridge Unit



Applications

- Airborne data recording
- Flight test instrumentation system
- Vehicle development

Features

- For use in TTC's MUX-3003R/MUX-3005R products
- Removable solid-state data recorder cartridge
- Ruggedized for airborne applications
- Uses ruggedized solid state memory
 - From 32 GB to 128 GB*
- Uses three IEEE-1394b 400Mb/s high-speed signaling ports
 - One port for use by the MUX-300XR chassis for recording
 - One port for in-chassis download using DB-9 connector
 - One port for lab downloads directly from cartridge using IEEE-1394b Bilingual connector
- Functional status indicated by (4) LEDs
 - Power – Indicates power good
 - Lock – Indicates lock screw tightened
 - Activity – Indicates unit being accessed
 - Error – Indicates an error condition

* Capacity may increase in the future. Contact factory for available capacities

Description

The XRMM-1XXX (XXX = size in GB) standard cartridge units are removable solid-state drive cartridges. They are designed to fulfill the roll of providing data storage in TTC's MUX-300XR product line. The XRMM-1XXX provides three independent IEEE-1394b high-speed serial ports for data communications. One IEEE-1394b compatible interface is provided on the top of the cartridge through a DB-9 high-reliability connector. This port can be used for data download while the cartridge is plugged into and powered by the MUX-300XR chassis. The second IEEE-1394b interface is through a standard Bilingual connector located on the bottom of the cartridge. This connector is only accessible when the cartridge is removed from the chassis. This port is used for data download with a standard IEEE-1394b Bilingual cable when the cartridge is removed from the chassis and brought to a remote location. An external 9-Volt "Brick" power adaptor is included to power the cartridge in this mode. The third IEEE-1394b compatible interface is through a custom connector and is used when the cartridge is plugged into the MUX-300XR chassis for system operation. All three of these ports support communications rates of up to 400Mb/s. The XRMM-1XXX cartridge plugs into a custom doublewide recorder slot on the MUX-300XR chassis.

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XRMM-1XXX Datasheet

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 Specifications subject to change without notice.

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CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

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