

Chapter 10 Compliant 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
- Supports Chapter 10 commands for time, media control and system setup
- Removable solid-state data recorder cartridge
- Ruggedized for airborne applications
- Uses ruggedized solid-state memory
 - From 32 GB to 128 GB*
- Uses two IEEE-1394b 400Mb/s high-speed signaling ports
 - One port for use by the MUX-300XR chassis for recording
 - One port for lab data downloads and cartridge programming 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-1XXXE (XXX = size in GB) is a Chapter 10 compliant cartridge unit with a built-in solid-state drive. It is designed provide data storage in TTC's MUX-300XR product line. The XRMM-1XXXE supports Chapter 10 commands and provides two independent IEEE-1394b high-speed serial ports for data communications. One 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 and cartridge programming with a standard IEEE-1394b Bilingual cable. This is done when the cartridge is removed from the chassis and brought to a remote lab location. An external 9-Volt "Brick" power adaptor is included to power the cartridge in this mode. The cartridge can also be powered directly from the Bilingual cable on PC's that support power over this connector. The second 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. Both of these ports support communications rates of up to 400Mb/s. The XRMM-1XXXE cartridge plugs into a custom doublewide recorder slot on the MUX-300XR chassis. It can also be used in TTC's XMSR-1001-PS and XMSR-1001-PSL remote receptacle units as stand-alone IEEE-1394 compatible storage devices.

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XRMM-1XXXE Datasheet

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CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

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