

Miniature Solid State Recorder with Removable PCMCIA Memory



Features

- Solid state PCM/recorder
- Two versions available
 - Stand alone with internal power supply
 - MCDAU/MEDAU stackable utilizing the system power supply
- Ruggedized for airborne applications
- Uses up to 2 PCMCIA cards
 - Up to 32 GB per slot
 - Removable data transfer
- Acquires one PCM input channel
 - Data rates up to 10 Mbps
 - Internal frame correlator
- Uses digital recording format
 - Standard file structure
 - Microsecond frame time tag (elapsed time or optional IRIG time tag)
 - Simplifies direct analysis from media
 - PCM regeneration not required
- Flexible control/status interfaces
 - RS-232 (setup/control/status)
 - Discrete (control/status)
- Compatible with MUX-300x products

Applications

- Flight test recording
- Limited space applications
- Portable data recording system
- Applications requiring playback/analysis on a standard laptop computer

Description

The MMSM-100C solid state PCM recorder is used in demanding applications such as airborne instrumentation recording. Two versions are available the MMSM-100C-ST, a stackable version which utilizes the MCDAU/MEDAU encoder power supply or the MMSM-100C-SA, a standalone version that includes an internal power supply. The unit is configured to handle one high speed serial PCM input at data rates up to 10 Mbps. A frame correlator decommutates the PCM data for direct file-structure recording. Plug-in PCMCIA cards are available with capacities up to 32 GB. The unit is programmable via serial RS-232. Control/status is also provided. Acquired data can be analyzed/archived on a standard PC.

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MMSM-100C-SA/ST Datasheet

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CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

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