

## Solid State Recorder with Removable PCMCIA Memory Cards



### Applications

- Flight Test Recording
- Limited Space Applications
- Portable Data Recording System
- Applications requiring Playback/Analysis on a Standard Laptop Computer

### Features

- Solid State PCM Data Recorder
- Works with WDAU/CDAU/EDAU Systems
- Ruggedized for Airborne Applications
- Supports up to 2 PCMCIA Type I or II Cards
  - 2 Gbytes to 32 Gbytes per Slot
  - Removable Media for Data Transfer
- Acquires PCM via front panel connector
  - 100% PCM up to 10 Mbps
- Programmable via Host Chassis
- Uses Digital Recording Format
  - Standard File Structure (FAT16 or STANAG 4575 Linear File Structure)
  - Microsecond Frame Time Tag
  - Simplifies Direct Analysis from Media
  - PCM Regeneration Not Required
- Flexible Control and Status Interfaces
  - RS-232 (Control/Status)
  - Discrete (Control/Status)

### Description

The SSR-100W solid state PCM Recorder is used in demanding applications such as airborne instrumentation recording. The unit is configured to handle 100% PCM at a maximum rate of 10 Mbps. Data and Clock inputs are provided on the front panel of the unit. PCM data is stored using direct file-structure recording. Plug-in PCMCIA cards are available with capacities ranging from 2 GB to 32 GB. The unit is programmable via the system chassis it is installed into. Control and Status is also provided via the front panel connectors. Acquired data can be analyzed/archived on a standard PC. The File Format is backward compatible with older SSR-100 models.

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### SSR-100W Datasheet

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