

8 Channel ARINC-429 Bus Monitor Module for MSSR-2010-SA & MSSR-110C Recorders



Applications

- Data acquisition systems
- Flight test data recording
- Flight test instrumentation
- Lab test

Features

- For use in TTC's MSSR-2010-SA and MSSR-110C miniature IRIG 106 - Chapter 10 multiplexer/recorder
- 8 channel ARINC-429 bus monitor module
- Operates in the "listen mode"
- 12.5kHz or 100kHz allowable Bus speeds
- Time tagging per IRIG Chapter 10
- Multiple MBIM-429M-1 modules can be placed in a single recorder
- Configurable using TTC's programmable software application

Description

The MBIM-429M-1 is a 8-channel ARINC-429 Bus Monitor Module for use in TTC's MSSR-2010-SA / MSSR-110C Chapter 10 Recorder products. The module receives data from up to eight (8) standard avionics ARINC-429 serial digital data buses. The incoming data rate can be either 12.5 kbps or 100 kbps. The Speed of each bus is automatically detected and tagged as either HS (High Speed 100KHz) or LS (Low Speed 12.5KHz) in the Intrapacket Data Word within the Chapter 10 Packet. All incoming ARINC 429 data is stored on the module RAM and is programmable by the user to create complete Chapter 10 compatible ARINC-429 data packets that are sent to the recorder overhead module for storage onto CompactFlash modules.

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MBIM-429M-1 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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