

IRIG-B Time and PCM Output Card



Applications

- Airborne Data Multiplexer
- Airborne Data Recorder
- Flight Test Instrumentation
- Lab Test

Features

- For use in TTC's MUX-300X product line
- Plug-in daughter board to the XOVH-300 card
- Uses no chassis I/O slot
- Accepts IRIG-B time AC or DC input
- Generates IRIG-B time output
- Operates in a "Flywheel" mode from internal oscillator
- Provides time tag per IRIG-106 Chapter 10
- Provides PCM output of up to 10 Mbps
- Interfaces with the optional MSSR-2000C recorder
- Accepts six General Purpose Discrete inputs
- Provides six Opto-Isolated General Purpose Outputs
- Only a single XIRG-300 or XGPS-300 can operate in a single chassis

Description

The XIRG-300 operates as the Time code Reader/Generator and as a PCM output card in TTC's MUX-300X product lines. The XIRG-300 does not use an I/O slot in the host chassis. It operates as a mezzanine card to the XOVH-300 processor card. The card accepts an input IRIG-B AC (modulated) or IRIG-B DC (unmodulated) time code. The card also provides IRIG-B DC output for cascading purposes. The card provides 100% of the MUX-300X multiplexed data as a PCM output to the optional MSSR-2000C recorder. The card accepts six General Purpose Discrete inputs (GPI[5:0]) and six Opto-Isolated General Purpose outputs (GPO[5:0]) for the optional recorder control/status.

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XIRG-300 Datasheet

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CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

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