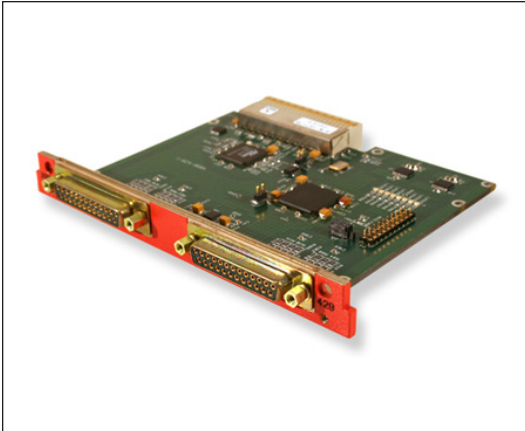


16-channel ARINC-429 Bus Monitor Interface Card



Applications

- Aircraft Instrumentation
- Data Acquisition Systems
- Flight Test Data Recording
- Flight Test Instrumentation
- Lab Test

Features

- 16-channel ARINC-429 Bus Monitor Card
- MUX-300X(R) Plug-in card
- Operates in a “Monitor Mode” (Receive only)
- Low (12.5KHz) or High (100 KHz) Data Rates auto detectable
- Bus Monitor Channels Support
 - Time tag per IRIG 106 Chapter 10
 - 100 % Data Recording per IRIG 106 Chapter 10
- Interfaces to Customized 33Mhz – 32bit CompactPCI® Bus Interface
- Multiple XBIM-429-16 cards can be used in the same unit
- Windows XP/2000 Software Included

Description

The XBIM-429 is a 16-channel ARINC-429 Bus monitor interface card for use in TTC’s MUX-300X(R) product platform. The XBIM-429 receives data from up to sixteen (16) standard avionics ARINC-429 serial digital data buses. The incoming data rate is auto detectable on a per channel basis as either 12.5KHz (low speed) or 100KHz (high speed). Bus data acquired by the XBIM-429 card is preformatted in IntraPacket messages that are transported to the Overhead card memory via a customized high-speed CompactPCI® Bus. Data is recorded in a format compliant with IRIG 106 Chapter 10. Time tagging is provided per IRIG Chapter 10.

Revision 05/12/2015

XBIM-429 Datasheet

©2015 Teletronics - A Curtiss-Wright Company
Specifications subject to change without notice.

Approved for Public Release 16-S-1370



CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

Teletronics - A Curtiss-Wright Company
15 Terry Drive, Newtown, PA 18940
phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

www.ttcdas.com