

Miniature Ethernet UDP Packet Data Acquisition Module



Applications

- CAIS applications
- Distributed systems
- Ethernet bus monitor for Ethernet UDP packets
- All Packet Data included from selected UDP Frames

Features

- Single channel 10/100 BASE-T Ethernet acquisition module which interfaces with the Ethernet in a promiscuous mode
- Contains filters that allow incoming UDP packets to be selected based on their Destination IP Address and Destination UDP Port Number. Can also be configured to select all incoming UDP packets
- Selected packets have their entire data content stored into an Output FIFO that the system Overhead can read for data insertion into the PCM output format. All packet Headers and packet CRC are removed
- Receives all standard Ethernet UDP packets up to 1522 bytes. Does not support jumbo frames, frames over 1522 bytes or Non-UDP packets
- Has three (3) General Purpose TTL compatible inputs
- Supports ARP protocols
- Multiple METI-110-1 modules may be placed within a single chassis

Description

The METI-110-1 is a member of the MEDAU/MCDAU/MWDAU/MnACQ-2000 product families. The METI-110-1 is a single-channel Ethernet acquisition module. The module accepts standard Ethernet UDP packets. It will not accept jumbo frames, any Ethernet UDP packets over 1522 Bytes or non-UDP packets. The METI-110-1 can filter the incoming UDP packets on the Destination IP Address and Destination UDP port number and only select the UDP packets that match these settings. The module can also be configured to select all incoming UDP packets. The METI-110-1 stores the entire data content of the selected UDP packets into an Output FIFO. The System Overhead module can read this FIFO to insert the packet data content into the output PCM format. The UDP packet Headers and trailing CRC are all removed. Only the UDP packet data content is stored. The METI-110-1 contains three (3) General Purpose TTL Inputs that can be used to monitor other signals.

Revision 07/16/2015

METI-110-1 Datasheet

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

Approved for Public Release 16-S-0385



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