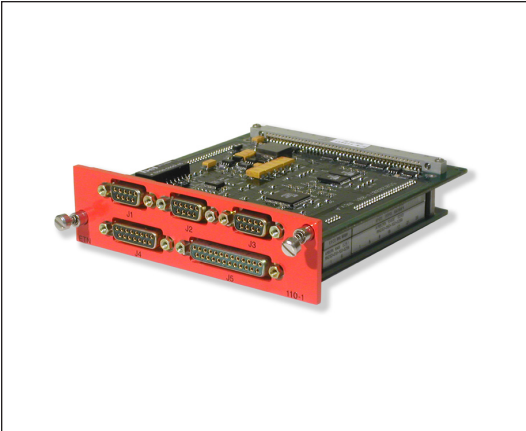


Engineering Unit Processor Card



Applications

- Distributed Data Acquisition Systems
- Data Conversion/Translation and Bridging
- Real-time Data Processing and Display

Features

- Performs Engineering Unit Conversion
- Utilizes Ethernet and VGA ports to output processed data
- Optional data selection through a 16K x 32 Dual Port Ram
- IP address is programmable via TTCWare™
- Operation is based on an Embedded 586 PC
- Provides 8 general purpose inputs
- Provides 8 general purpose opto-coupled outputs
- Provides three exclusive operating modes
 - UDP Packet Acquisition from Ethernet
 - COM3 I/O and GPI/O activation
 - Engineering Unit Conversion on PCM data to PCM, Ethernet, and/or VGA port
- Hardware capabilities (based on operating mode)
 - On board 128K x 32 DPR for PCM output
 - PCM output via Ethernet or USB
 - VGA output
 - USB interface
 - Three RS-232/422 COM ports
- Is used in any EDAU/CDAU operating as a PCM Master
- Fully Programmable via TTCWare™, Windows 98/NT/2000/XP compatible software (included)

Description

The EUP-105 is a multi-function Engineering Unit Processor (EUP) card. It can be used in any EDAU/CDAU Master Unit to provide significant data processing, translating and display capability. The card is user-programmable to operate in one of three (3) operating modes. All programming is performed using the Windows-based TTCWare™ programming software.

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EUP-105 Datasheet

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Teletronics Technology Corporation
 15 Terry Drive, Newtown, PA 18940
 phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

www.ttcdas.com