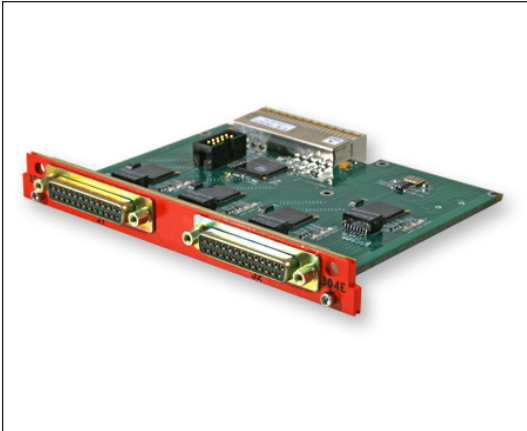# TELETRONICS
A Curtiss-Wright Company

4-Channel 10/100 Mbps Ethernet Board

Applications

• Ethernet based network distributed systems
• CAIS applications
• Radar data collection for test data recording and analysis
• Data timestamping

Features

• Peripheral I/O board for use in the TTC MUX-300X line of data multiplexers
• Four independent 10/100BASE-T interfaces support either Unshielded Twisted Pair (UTP) or Shielded Twisted Pair (STP) copper cabling
• Each interface is capable of running up to 100 Mbps
• Supports the IEEE 802.3 standard
• Interfaces to a customized 33 MHz, 32-bit CompactPCI® bus interface
• Ethernet interfaces transformer-coupled to line
• Multiple XETN-304E-1 boards can operate simultaneously in a single chassis
• 3.3 VDC operation

Description

The XETN-304E-1 board is designed for use in the TTC MUX-300X family of products. The board provides four IEEE 802.3 Ethernet interfaces, each capable of operation at 10/100BASE-T line rate speeds. The four 10/100BASE-T Ethernet interfaces are accessible at the XETN-304E-1 faceplate via two 25-pin D-subminiature connectors. The XETN-304E-1 interfaces directly to a custom CompactPCI®-like high-speed bus and is designed to monitor and capture network traffic from any of its four Ethernet ports.

CAIS Compatible

DEKRA Certified — Accredited by ANAB

Management System AS9100C ISO 9001:2008