

Shaping the Future: TSN Hardware & TSN Software

TSN Media Converter

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Overview

Automotive media converter for use in multiple environments like the lab, car or HIL



The Media Converter M10 is a simple, small and highly flexible tool for a wide range of scenarios. For convenience, all settings are intuitively hardware adjustable to be used on the fly without a tethered configuration PC.

Key Features

- Seamlessly converts 1000BASE-T and 1000BASE-T1 connections
- 100Mbps capable
- No buffered or filtered packets
- Compatible with all T1 PHYs, including legacy models
- Automatic link speed and master/slave negotiation

Features

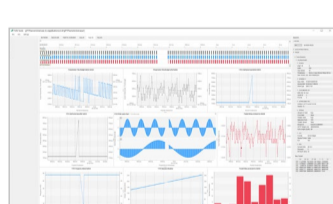
Core features of the M10 Media Converter are:

- 1x IEEE 100/1000BASE-T1 port
- 1x IEEE 100/1000BASE-T port
- 1x Micro-USB connector for firmware updates and terminal access
- Fully TSN compliant
- Instant startup for in-vehicle use
- Small dimensions, full metal case for environmental and EMC protection
- Status LEDs indicates mode, speed and link status
- Wide power range from 9V-40VDC for use in practically any application
- Twin power jacks for use with either common DC barrel connectors or a lockable Phoenix connection for powering from other sources
- T1 connectors compatible with all TSN Systems products
- Static or auto-negotiated port roles with manual controls, compatible with all existing and current T1 PHYs



Products

Our product range covers a variety of precision measurement and analysis tools. To find the right solutions for your special use cases, please have a look at our additional product flyers.



TSN Tools

TSN Tools is a platform-independent software environment specifically designed to capture complex measurements and analyse tasks at a glance.



TSN Box

The TSN Box 3.1 is designed to assist with automotive network development, particularly in the context of next generation zonal architectures, as well as with planning and analysis of modern industrial automation systems based on TSN and OPC-UA.



TSN Switch

The TSN Switch is a highly flexible AVB/TSN capable switch intended for use in the lab, car or HIL. It is one of the most secure Automotive Ethernet switches available and offers a wide range of management capabilities.

Time Matters.

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