

IVN2Eth Capture Module **CM LIN COMBO**

APPLICATION

**Capture your LIN and analogue signals in
the car via an Ethernet uplink**

IVN2Eth Capture Module CM LIN COMBO



DESCRIPTION

While the cars of the future start using high-speed in-vehicle-network (IVN) technologies, for the Body-Domain, the classic analogue signals and the cost-efficient LIN Bus are still important technologies.

The CM LIN Combo enables automotive test engineers to reliably capture LIN traffic as well as differential and grounded analogue signals and send these within the PDUs of Ethernet MAC II frames via 100BASE-T1 or Standard Ethernet, with the corresponding time information of when they were captured.

Several devices can be used on the same setup, whenever more interfaces are needed, and when other IVN technologies are present, the in-built-synchronization using 802.1AS allows for simultaneous use with the other "IVN2Eth Capture Modules".

Many additional features make this device appropriate for general-purpose testing.

FEATURES

- ✓ 10x LIN
- ✓ 4x analogue inputs
- ✓ 2x analogue inputs (galvanically isolated)
- ✓ PLP Protocol (time stamp, ...)
- ✓ Configure easily via webserver
- ✓ Network Time Synchronization (802.1AS)
 - allows to synchronize multiple LIN Combos or any other "Capture Module"
- ✓ Cascading and synchronization of multiple devices
- ✓ Source Timestamping with 40 ns resolution
- ✓ High Speed Startup
- ✓ Startup Buffer
- ✓ Output Traffic Shaping
- ✓ Rotary Switch for manual configuration of the device's IP-Addresses (Gbit – RJ-45)
- ✓ Wakeup capable
- ✓ Extended Power Mode for Car integration
- ✓ Robust stainless-steel case
- ✓ Size: 129 x 121 (133) x 32 mm

4x
ANALOG 2x GALV.



2x
STANDARD GIGABIT
ETHERNET (RJ-45)



10x
LIN



1x
SYSTEM
CONNECTOR

