

SWITCH-BASED PRODUCTS

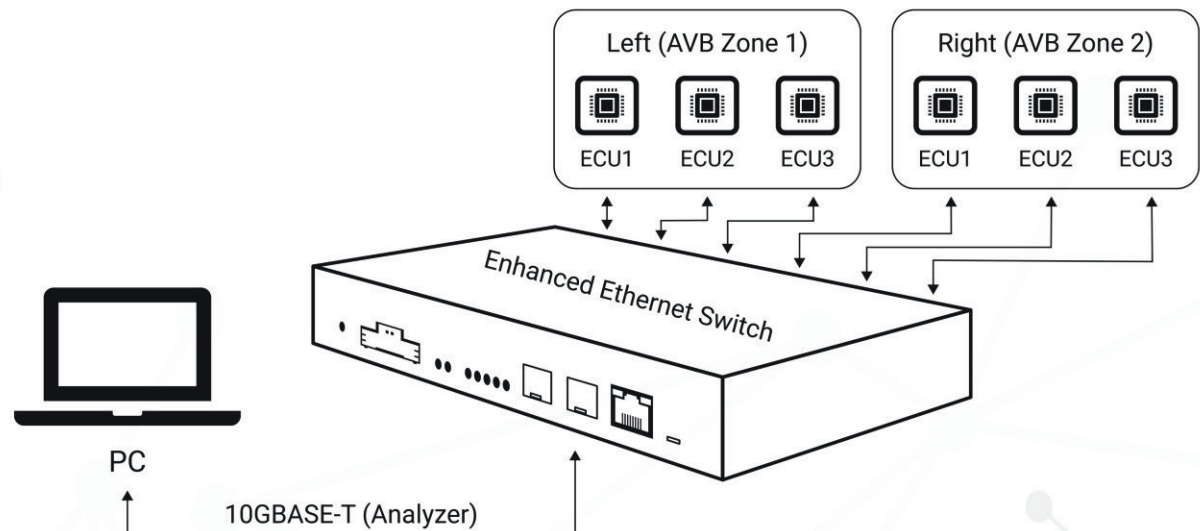


SWITCH-BASED PRODUCTS

AUTOMOTIVE ETHERNET SWITCHES FOR TESTING AND ANALYSIS

TYPICAL USE CASES:

- Data acquisition and vehicle setups
- PoCs and concept validation
- Testing and automated test benches
- Extension of existing networks
- MACsec-based networks



ENHANCED ETHERNET
SWITCH H-MTD
(AVAILABLE WITH
MACSEC FEATURE)



ENHANCED ETHERNET
SWITCH H-MTD



ENHANCED ETHERNET
SWITCH MATENET



ENHANCED ETHERNET
SWITCH RJ-45



MEDIAGATEWAY



RN Embedded Solutions Private Limited.

Hyderabad, India. Ph. +91 80749 71977
info@rnembedded.com | www.rnembedded.com
India | Singapore | Europe

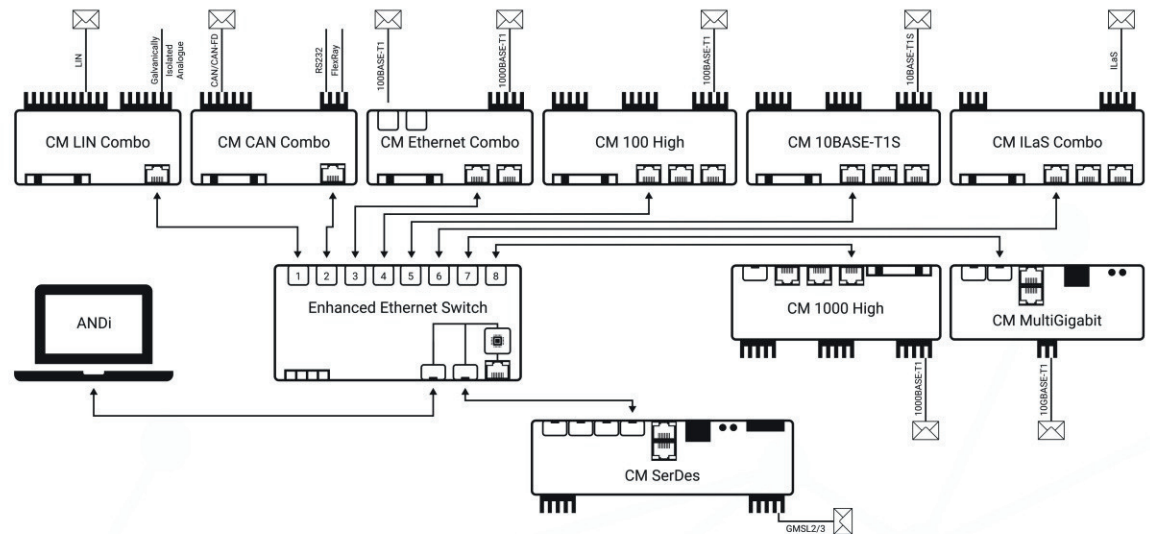
CAPTURE MODULES



CAPTURE MODULES

CAPTURE THE TRAFFIC OF YOUR IN-VEHICLE-NETWORK
WITH MINIMAL NEGATIVE IMPACT

- **Time Synchronization** and distributed high-resolution **Time Stamping**.
- **Capturing Data** along with meta data such as interface, direction, and type.
- Build a **modular and extensible** capturing setup based on open protocols.
- **Open ecosystem** with free converters and Wireshark support.
- Capture Modules can be distributed for better **signal integrity** e.g., for CAN-FD!
- Support for **many different communication technologies**.



CAPTURE MODULE
LIN COMBO



CAPTURE MODULE
CAN COMBO



CAPTURE MODULE
ETHERNET COMBO



CAPTURE MODULE
100 HIGH



CAPTURE MODULE
1000 HIGH MATENET



CAPTURE MODULE
1000 HIGH H-MTD



CAPTURE MODULE
MULTIGIGABIT



CAPTURE MODULE
SERDES



CAPTURE MODULE
ILAS COMBO



CAPTURE MODULE
100 HIGH (AVAILABLE
WITH TC10 FEATURE)



CAPTURE MODULE
10BASE-T1S

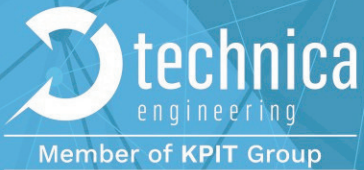


RN Embedded Solutions Private Limited.

Hyderabad, India. Ph. +91 80749 71977
info@rnembedded.com | www.rnembedded.com

India | Singapore | Europe

MEDIA CONVERTERS

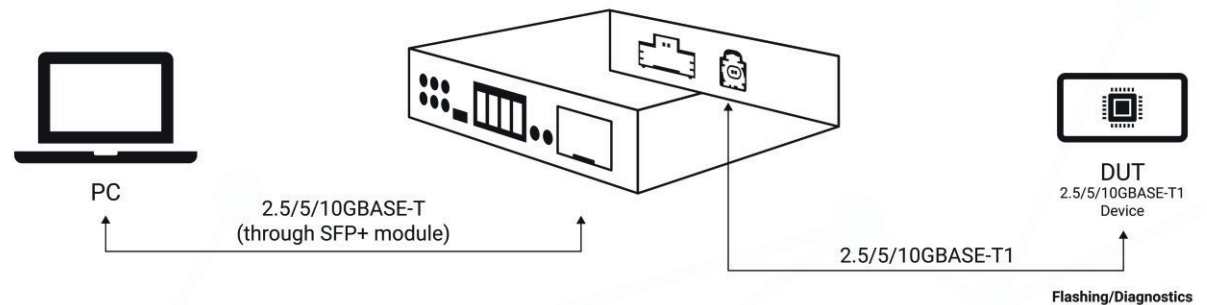


MEDIA CONVERTERS

THE IDEAL PHYSICAL LAYER CONVERSION BETWEEN AUTOMOTIVE ETHERNET (100/1000BASE-T1 OR 2.5/5/10GBASE-T1) AND STANDARD ETHERNET

TYPICAL USE CASES:

- ECU Development
- ECU Reprogramming
- ECU Diagnostics
- Testing/Simulation
- End of Line Process
- Vehicle Service



MEDIA CONVERTER
100BASE-T1 BCM



MEDIA CONVERTER
1000BASE-T1
NANO MQS



MEDIA CONVERTER
1000BASE-T1
MATENET



MEDIA CONVERTER
1000BASE-T1
H-MTD



MEDIA CONVERTER
MULTIGIGABIT



SFP MODULE
1000BASE-T1
H-MTD



RN Embedded Solutions Private Limited.

Hyderabad, India. Ph. +91 80749 71977
info@rnembedded.com | www.rnembedded.com

India | Singapore | Europe