

AVETO Starter Kit for sensor validation

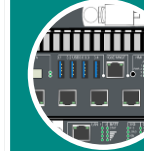
Product overview

The AVETO Validation Toolchain offers a complete development system consisting of recorder, measurement technology adapter and the visualization framework for the entire validation process for recording, analysis and processing of many sensors. Mastering the data and being able to start the validation process earlier is just one goal of the AVETO solution.

The application areas for this system are demanding measurement tasks for driver assistance systems (ADAS) or automated and autonomous driving (AD).



Highlights

 Maximum performance on minimal footprint	 10 Gb Ethernet for high bandwidth recording of measurement data	 Time synchronization based on IEEE Std 802.1AS Add-On	 Extended operating temperature range	 Pre configured demo system	 SerDes FPDLinkIII Measurement Data Interface MDILink	 STORAGEplus – removable high performance storage unit
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ADAS and AD measurement and recording System

Technical information

AVETO Starter Kit

- BRICKplus measurement and recording unit
- 2x 10Gb Ethernet RJ45, HW-TS, TR
- 5x 1Gb Ethernet RJ45, HW-TS, TR, Capture
- IEEE 1588, 802.1AS-2020 multi domain
- DisplayPort
- 4x USB 3.0 Host
- GPS (Position and time)

Data Storage

- 16TB Server RAID based Storage device
- Writing speed up to 16Gb/s continuously

Measurement Cards

- BMC-ETH6000 6x RJ45 1GbE PoE TS
- BMC-VB2, 8x CAN-FD (Flexcard PMCI)

Measurement Data Interface

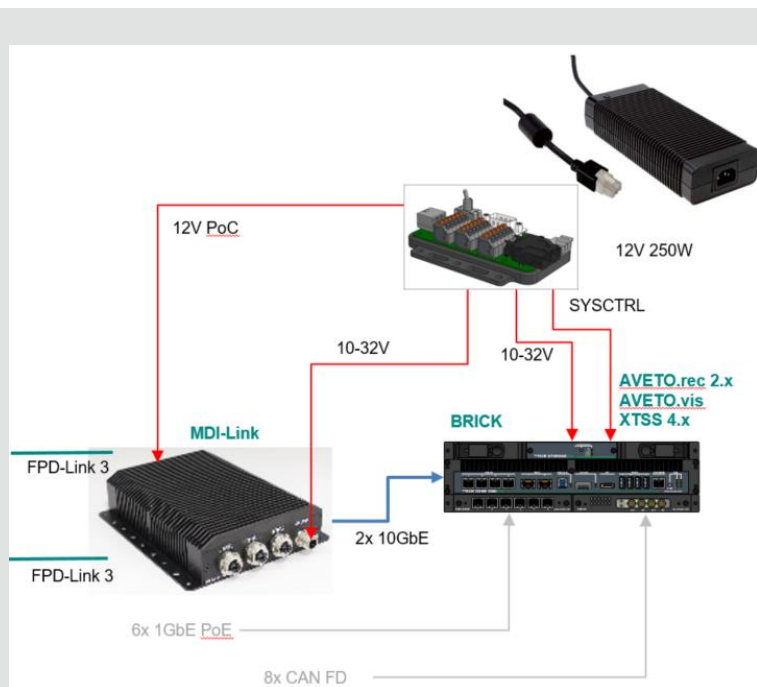
- Measurement Data Interfaces MDILink 10Gb Ethernet IEEE 1588, 802.1AS time synchronization
- Dual Channel FPDLinkIII sensor interface, endpoint and TAP mode

FPDLink-III Sensor

- LI-IMX424-GW5200-FPDLINKLIII-120H

AVETO.APP Software Framework

- Recorder
- Visualization



AVETO Starter Kit Overview

Certification

- RoHS / REACH

Name

AVETO Starter Kit

Order-no.

B17575-BCS-002-0000

Description

AVETO Starter Kit, high bandwidth data recording system for sensor / ECU validation
 BRICK CORE COMplus measurement and recording unit
 AC Power supply and complete cable set
 BRICK STORAGEplus 16TB
 MDILink QX035-1FCT1FCT-2S
 FPDLink-III Camera LI-IMX424-GW5200-FPDLINKLIII-120H
 AVETO APP Software Framework
 Preconfigured and all accessories included