EB Assist Logger solution

Automotive-grade PC systems for logging sensor data

| Capture | Massive data | Up to 32 cameras |

EB Assist Logger Solution
Capture massive amounts of data

Featuring Elektrobit's own **cutting-edge technology**

➔ **Capture video with speeds** up to **12 GB per second** ⬅

- FPD3 and GMSL2/3 frame video grabber cards
- CAN, FlexRay, LIN, Automotive Ethernet with EB 5200 bus measurement card
- 100/1000 Base-T1 Automotive Ethernet with EB 7200 modular I/O interface card
- GPUs, network cards
- All interfaces are **time-synchronized**
- **Low power consumption** (max 500W) 12VDC, 24VDC, 48VDC
- **Detachable storage** with up to **256 TB**

Capture up to 32 cameras!

It's not just a box, it's a full solution

The validation of automated driving functions requires customized and efficient solutions adapted and configured according to each use case. EB Assist provides the logger hardware and software and will help you to integrate- giving you a full solution!

It's scalable. The wide range of interfaces for different sensors and ECU connections make it a highly modular and flexible. High processing power allows capturing of multiple sensor streams in parallel. You can easily combine multiple logger systems to scale your system for video or bus data capturing.

It has high-performance. Benefit from a customized system for low, mid, and high variant use cases (up to 768GB RAM).

Link to our HiL. EB Assist Logger Solution is a high-performing, reliable logging device for your test vehicle. Combined with Elektrobit's HiL solution, it's the foundation of a strong and powerful replay and simulation tool for ADAS/AD ECU testing.

2x detachable storage

Features

- **Customizable turnkey solution** enables a fast and flexible realization of your requirements (e.g. capturing large amounts of synchronized video and bus data, extension of storage or PCI-e interfaces)

- **Modular system** supports all common automotive interfaces (video signals FPDIII /GMSL2/3, CAN-FD,HS/LS, FR, ETH/BroadR-Reach, LIN, GPS)

- **Flexible and customizable** I/O configuration based on individual requirements

- **High-computing performance** for data processing and data visualization storage or PCI-e interfaces

Benefits

- **Save money**
  Capture massive data in one test drive (instead of multiple trips)

- **Improve the quality of data logging**
  Highly precise time stamping on hardware 25ns resolution

- **Save time during development and validation**
  Visualize and test with our Automotive Data and Time-Triggered Framework (ADTF3)

- **Delivery and support from one single source**
  Get complete and professional support with short response times during your configuration decision and beyond

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