



FlexConfig Analyzer

www.star-cooperation.com

BENEFITS

- Wireless visualization of CAN, LIN, FlexRay and Ethernet data
- Support of Android devices version 4.4 to 11
- Support for SOME/IP
- Display of signal values in different diagrams e.g. speedometer, graph, signal set, label
- Short-term logging with labelling via language recording
- Supports different database formats, e.g. AUTOSAR (*.arxml), FIBEX (*.xml), CANdb (*.dbc), LDF (*.ldf)
- Projects can be shared between Windows and Android application

FIELDS OF APPLICATION

- Test drives for driver assist functions
- Monitoring certain signal values in a laboratory
- Wireless connection to the chosen test bench in a test field

VISUALIZATION SOFTWARE FOR BUS/NETWORK COMMUNICATIONS

The FlexConfig Analyzer software visualizes CAN, LIN, FlexRay and Ethernet data including SOME/IP on a smartphone or tablet. For this, a wireless connection is established via WiFi with a suitable bus/network interface.

The system is ready to operate quickly and can be used without extensive expert knowledge. New display sets can be generated and saved in no time at all. The high-resolution touch screens of current tablets facilitates a clear depiction of the required signals.

FlexConfig Analyzer

FACTS & FIGURES

- Data communications via WiFi
- One WiFi bus interface parallel usable
- Supports the following formats:
 - FIBEX (*.xml): 2.0.0d, 2.01, 3.0.0, 3.1.0, 4.0, 4.1.1,
 - FIBEX+ 1.4
 - AUTOSAR (*.arxml): 3.02, 3.1.0, 3.1.4.DAI.2, 3.1.4.DAI.4, 3.2.2, 4.0.3, 4.1.1, 4.2.1, 4.2.2, 4.3.0, 4.3.1, 4.4.0, 4.6.0
 - CANdb (*.dbc) and LDF (*.ldf)
- Automatic interpretation of messages with loaded CANdb, FIBEX, AUTOSAR or LDF through the software
- Creation of projects for all devices of the FlexDevice family that are fully compatible with FlexConfig RBS
- Sending of CAN-FD/HS and LIN messages
- Receiving of FlexRay, CAN-FD/HS, LIN and Ethernet messages
- Partial support for SOME/IP
- Three display modes are supported:
 - chronologic, cyclic and graphic
- Graphic display of bus/network communications as gauge, linechart, barchart, matrixchart, lamp, signal, text, button, timer
- All displays can be zoomed or moved stage-free
- Change between frame and PDU mode
- Flexible generation of display sets depending on use case
- Share projects between FlexConfig RBS and FlexConfig Analyzer
- Create, start and save manipulations and sequences
- Swiping between several graphic displays
- Improved usability through automatic filter function
- Simple logging on tablet/Android device in asc and mdf files
- Logging with parallel voice recording possible
- Support pre- and post-logging over 120 seconds before and after activation
- Alarm function for data monitoring
- Projects can be moved to other devices within the FlexDevice family in just a few steps
- Listen-only mode

SUPPORTED BUS INTERFACES (AVAILABLE OPTIONALLY)

- all actual FlexDevices and FlexCards

SCOPE OF DELIVERY

- Application (*.apk) installation file FlexConfig Analyzer
- User manual

SERVICES

If requested, customer-specific adjustments to functionality and the software frontend can be made. Please contact us for details.

ORDER INFORMATION FLEXCONFIG ANALYZER

Product	Description	Order number
FlexConfig Analyzer	Software license for the usage of FlexConfig Analyzer. Requires „FlexConfig Analyzing runtime“ on each device.	3-V0160V01

ORDER INFORMATION ASSECCORIES

Product	Description	Order number
FlexConfig Analyzing runtime	Runtime license for analyzing bus data. Required once per device.	3-00701J01
FlexDevice-S	The FlexDevice-S is a multifunctional autonomous bus system platform.	3-V0860A01
FlexDevice-L	The FlexDevice-L is a multifunctional autonomous bus system platform.	3-V0870A03
FlexDevice-L ²	The FlexDevice-L ² is a multifunctional autonomous bus system platform.	3-V0870S03
Tablet-S	7" Android Tablet	10017410
Tablet-M	10" Android Tablet	10017405