FL3X Config mobile

www.flex-product.com

BENEFITS

- Wireless visualization of CAN, LIN, FlexRay and Ethernet data
- Support of Android devices version 7 to 12
- 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
- Logging on tablet or FL3X Device

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
- Configure logging on FL3X Device e.g. for long time logging

VISUALIZATION SOFTWARE FOR BUS/NETWORK COMMUNICATIONS

The FL3X Config mobile software visualizes CAN, LIN, FlexRay and Ethernet data including SOME/IP on a smartphone or tablet. For this, a connection is established via WiFi or Ethernet 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.

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FL3X Config mobile

FACTS & FIGURES

- Data communications via WiFi or Ethernet
- One WiFi or Ethernet bus interface parallel usable
- Supports the following formats:
  - CANdb (*.dbc)
  - LDF (*.ldf)
  - FIBEX (*.xml) Version:
    2.0.0d, 2.01, 3.0.0, 3.1.0, 4.0.0, 4.1.1, 4.1.2, FIBEX+ 1.4
  - AUTOSAR (*.arxml) Version:
    3.0.2, 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, 4.7.0
- Automatic interpretation of messages with loaded CANdb, FIBEX, AUTOSAR or LDF through the software
- Creation of projects for all devices of the FL3X Device family that are fully compatible with FL3X Config
- Sending of CAN-FD/HS and LIN messages
- Receiving of FlexRay, CAN-FD/HS, LIN and Ethernet messages
- 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
- Triggering of various actions per button click
- 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 FL3X Config and FL3X Config mobile
- Create, start and save manipulations and sequences
- Swiping between several graphic displays
- Improved usability through automatic filter function
- Simple logging on tablet/Android or FL3X Device in asc and mdf files
- Logging on tablet or FL3X Device
- 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 FL3X Device family in just a few steps
- Listen-only mode
- PTP configuration on FL3X Device
- Share projects between multiple tablets via Bluetooth®

SUPPORTED BUS INTERFACES (AVAILABLE OPTIONALLY)

- All current FL3X Device, FL3X System, and FL3X Interface (except FL3X Device-PXIe, FL3X Interface-PXIe, FL3X Device-PCIe, FL3X Interface-PCIe)

SCOPE OF DELIVERY

- Application (*.apk) installation file FL3X Config mobile
- User manual

SERVICES

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

ORDER INFORMATION FL3X CONFIG MOBILE

Product	Description	Order number
FL3X Config mobile	Software license for the usage of FL3X Config mobile.	3-V1140B01

ORDER INFORMATION ACCESSORIES

Product	Description	Order number
FL3X Device-S	The FL3X Device-S is a multifunctional autonomous bus system platform.	3-V0860A01
FL3X Device-L	The FL3X Device-L is a multifunctional autonomous bus system platform.	3-V0870A03
FL3X Device-L²	The FL3X Device-L² is a multifunctional autonomous bus system platform.	3-V0870S03
FL3X Interface-S	The FL3X Interface-S is a entry bus interface.	3-V0862A01
FL3X Interface-L	The FL3X Interface-L is a mid-range bus interface.	3-V0872A01
FL3X Interface-L²	The FL3X Interface-L² is a high-end bus interface.	3-V0872B01
FL3X System-XS	The FL3X System-XS is a multifunctional autonomous bus system platform with 1 CAN-FD, 1 LIN and 1 SENT channel	3-01040A01
FL3X System-XS²	The FL3X System-XS² is a multifunctional autonomous bus system platform with 2 CAN-FD, 2 LIN and 2 SENT channel	3-01040C01
FL3X System-M	The FL3X System-M is a multifunctional autonomous bus system platform with flexible channel configuration	3-V1050A01
Tablet-M	10" Android Tablet	10017405

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