



ACT

Automotive Configuration Tool

INSTALLATION GUIDE

4.01.0248.20001 2.1 en-US ENGLISH

Important User Information

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1 Product Description

Devices of the FRC-EP-1x0 class are Linux platforms that are able to work standalone without any connected PC. For the standalone function a configuration is needed, that can be created and downloaded to the device via a the PC based *Automotive Configuration Tool (ACT)*.

The ACT tool is available on www.ixxat.com/support. Via the dongle a single ACT user license can be enabled. The functional range is determined by the license stage via the USB dongle.

Available licence stages:

- Freeware: no license dongle needed, all data logging, CAN/CAN FD/LIN/Generic Ethernet gateway, and user code functions are available
- Lite (1.12.0248.00000): all freeware functions are activated, additionally FlexRay/EtherCAT/FDX gateway are enabled, and MATLAB/Simulink models are supported
- Standard (1.12.0248.00001): all functions are activated, for example creating residual bus simulations and configuring signal manipulation configurations is possible

For a detailed list of the functions see www.ixxat.com/products/automotive-products.

2 Installing the ACT Tool

- ▶ Download the ACT tool ZIP container from the support area on www.ixxat.com/support.
- ▶ Unpack the ZIP container in a user defined folder on the local drive.
- ▶ Execute the included installation file *ACT-w.x.yyy.z-CM.exe*.
 - ACT setup assistant is started.
- ▶ Follow instructions in ACT setup assistant.
- ▶ When ACT is installed, start ATC.
- ▶ For more information about the available functions of the license in use, select **Help** in the main menu to open the online help.

3 Downloading a Configuration

As a basic configuration of the ACT tool, a data logger that writes all messages of the CAN busses 1 to 4 (500 kBit/s) in ASCII format to the SD card is provided.

- ▶ Power-up the device.
- ▶ Connect the device via USB to the PC.
- ▶ Start IxAdmin tool.
- ▶ In menu **File** select **Connect New Device**.
- ▶ Select the device type in use in the list and select **USB**.
- ▶ To establish the connection to the device, click button **OK**.

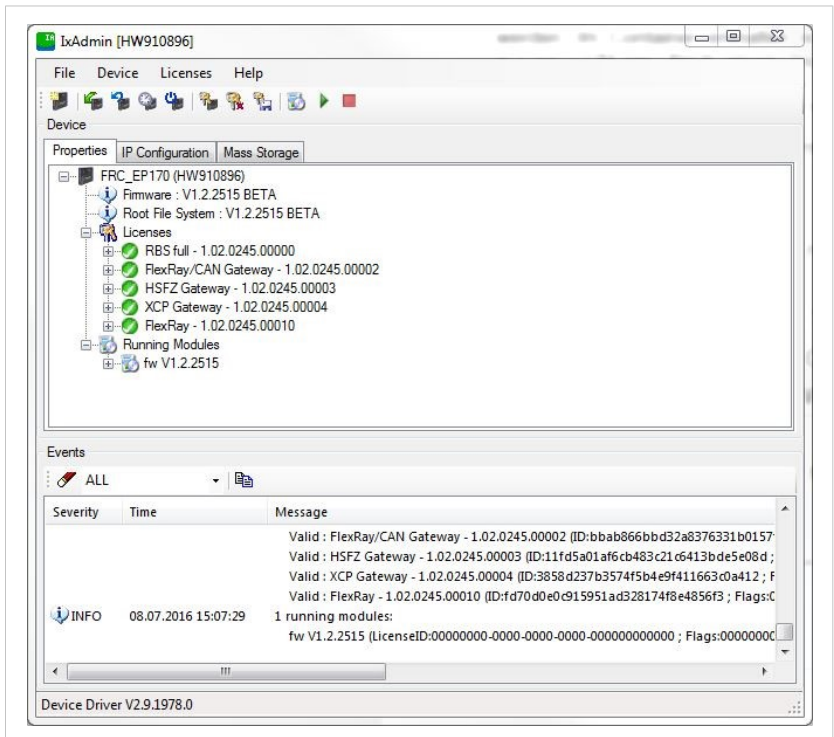


Fig. 1 IxAdmin Device Connect example

- ▶ In menu **Device** select **Add/Remove Application**.
- ▶ Open the device configuration *Basic_Logger.sdcfg* in directory *c:\Users\Public\Documents\Ixxat\ACT\Projects\BasicLogger\DeviceConfig*.

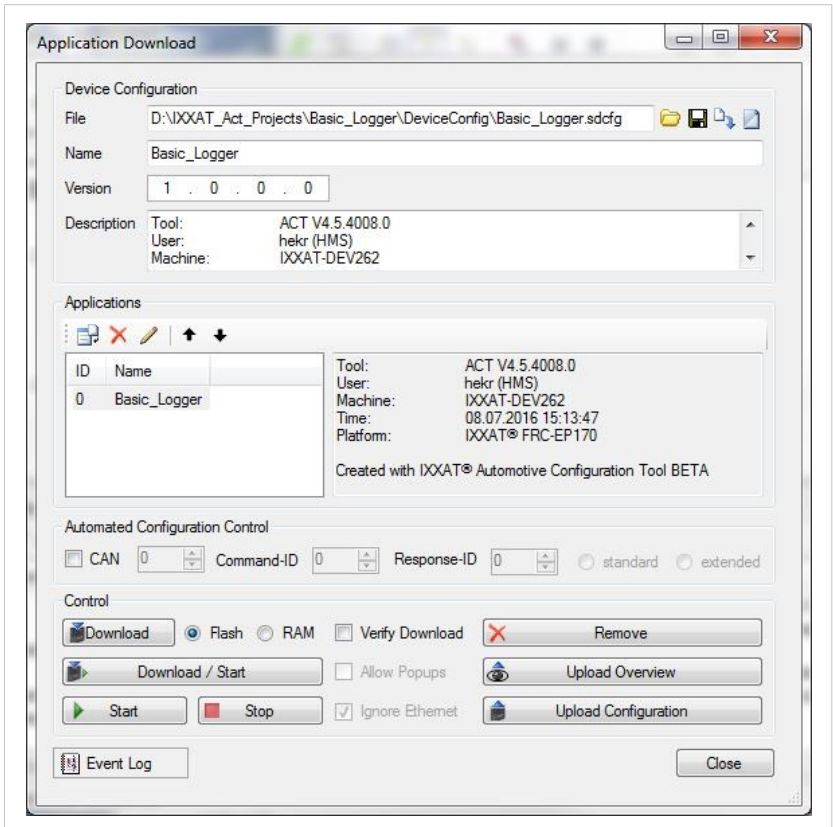


Fig. 2 IxAdmin Application Download example

- ▶ To load the application to the device, click button **Download/Start**.
→ Application is started.

For more information about the possibilities to change the CAN baudrate, to start and stop the logger and to upload the logged data refer to the IxAdmin online help.

4 Support/Return Hardware

Observe the following information in the support area on www.ixxat.com:

- information about products
- FAQ lists
- installation notes
- updated product versions
- updates

4.1 Support

- ▶ For problems or support with the product request support at www.ixxat.com/support.
- ▶ If required use support phone contacts on www.ixxat.com.

4.2 Return Hardware

- ▶ Fill in the form for warranty claims and repair on www.ixxat.com.
- ▶ Print out the Product Return Number (PRN resp. RMA).
- ▶ Pack product in a physically- and ESD-safe way, use original packaging if possible.
- ▶ Enclose PRN number.
- ▶ Observe further notes on www.ixxat.com.
- ▶ Return hardware.

5 Disposal and recycling



You must dispose of this product properly according to local laws and regulations. Because this product contains electronic components, it must be disposed of separately from household waste. When this product reaches its end of life, contact local authorities to learn about disposal and recycling options, or simply drop it off at your local HMS office or return it to HMS.

For more information, see www.hms-networks.com.

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