



Quickstartguide for RFID Readers with DESFire Communication Protocol (R-DT-EVO-DES, R-STICK-EVO-DES)

Function Description

This RFID device can be either operated either in **full read/write mode** or set to an **automatic read mode** (UID only). This automatic read mode is volatile with current FW versions. In case you need this automatic read mode, please add a note on your order. After sales: please contact our support for a FW update.

To operate the device, you have to download the SDK on our Website, you can find the links on the rear side!

When in automatic read mode, it is not possible to do normal read/write operations.

USB Driver Installation

If the device is connected to a PC for the first time, it can take some time for automatic installation of the Silicon Labs 210x Series VCP driver. If this is the case, please wait until this is fully done.

Normally the USB drivers are automatically installed with Windows operating systems. In rare cases it is possible, that automatic installation fails. Then perform a manual installation. You can download the latest drivers here: <https://www.silabs.com/developers/usb-to-uart-bridge-vcp-drivers>

Connecting to the read/write Software RFIDReader.exe

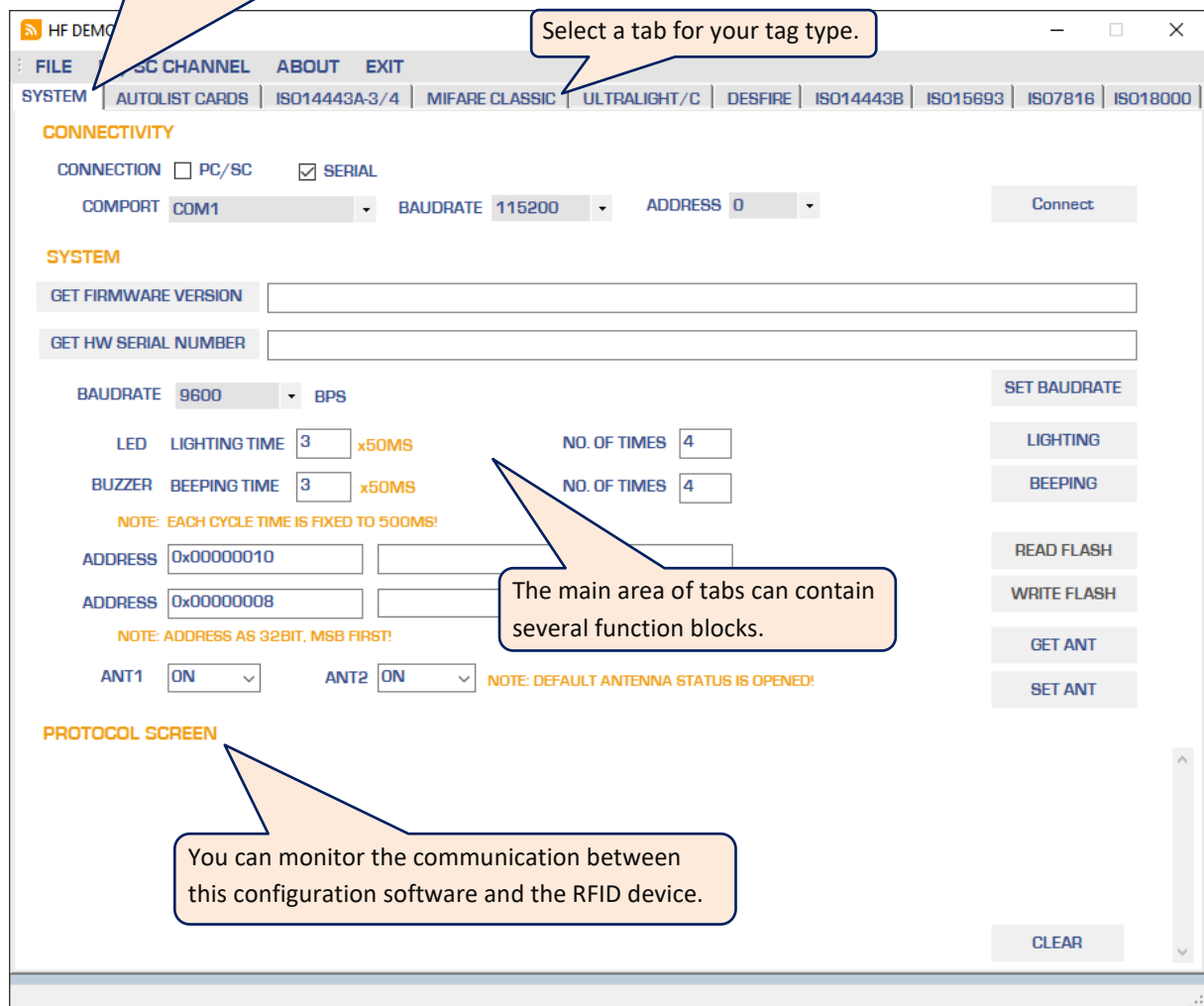
When you installed the driver and be sure that the reader is in read/write mode you can connect with the test/demo software "COMMyyyyymmdd.exe" software.

First connect the reader, then open the software, the right comport should be automatically selected by the software. Then click on [CONNECT]. For more information about this software, please refer to our SDK.

The link to the SDK you find on the bottom of this page or on our website : <https://www.idtronic-rfid.com>

Quick Overview on the Test/Demo Software

Tab "System " is for software and device settings.



The screenshot shows the 'SYSTEM' tab selected in the 'HF DEMO' application. The interface includes a menu bar (FILE, SC CHANNEL, ABOUT, EXIT) and a tab bar with various options like SYSTEM, AUTOLIST CARDS, ISO14443A-3/4, MIFARE CLASSIC, ULTRALIGHT/C, DESFIRE, ISO14443B, ISO15693, ISO7816, and ISO18000. The 'SYSTEM' tab is active, displaying settings for connectivity (CONNECTION, COMPORT, BAUDRATE, ADDRESS), system parameters (GET FIRMWARE VERSION, GET HW SERIAL NUMBER, BAUDRATE, LED, BUZZER, ADDRESS, ANT1, ANT2), and a protocol screen. Callouts provide additional context: 'Select a tab for your tag type.' points to the tab bar; 'The main area of tabs can contain several function blocks.' points to the right-hand side of the SYSTEM tab; and 'You can monitor the communication between this configuration software and the RFID device.' points to the PROTOCOL SCREEN section.

Download SDK and Get Support



<https://tinyurl.com/utkv736>



<mailto:support@idtronic.zendesk.com>