

ID Info 7000
RFID-Terminal
Demoapk description

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Version 0.2
– 20. September 2019 –

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Printed in Germany

Content

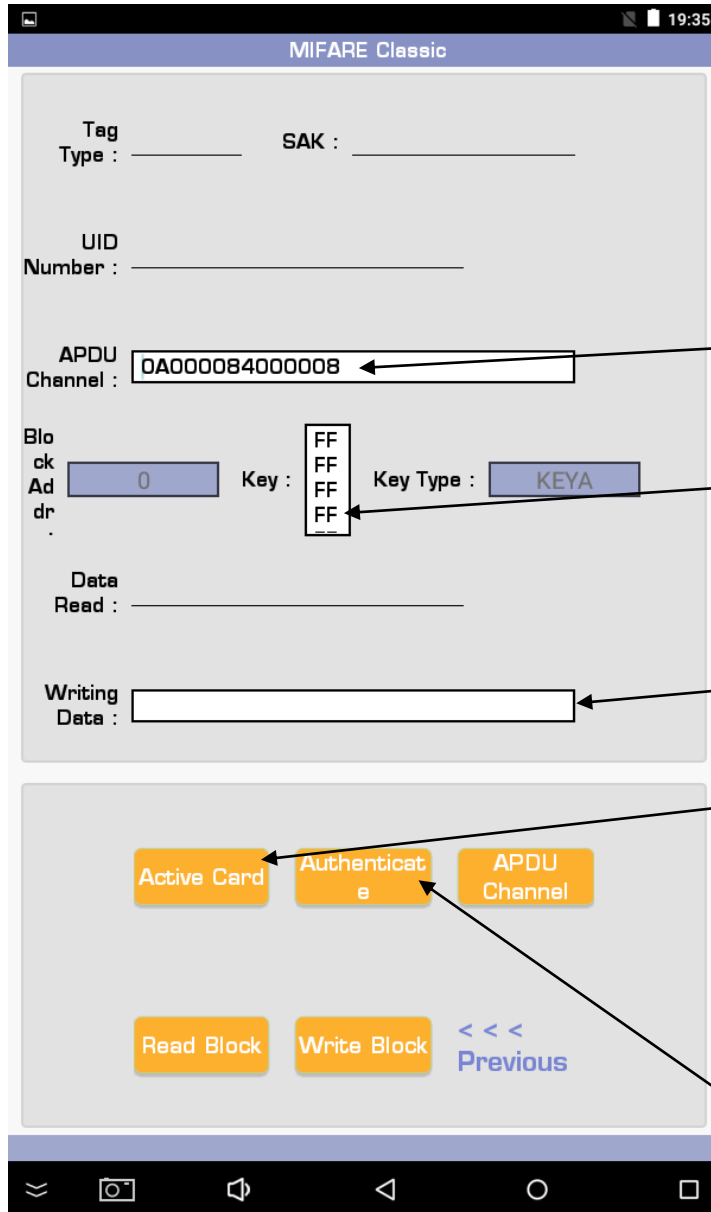
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1. Usage

1.1 Startscreen



1.2 Mifare Classic Screen



MIFARE Classic

Tag Type : _____ SAK : _____

UID Number : _____

APDU Channel : 0A000084000008

Block Address : 0 Key : FF FF FF FF Key Type : KEYA

Data Read : _____

Writing Data : _____

Active Card Authenticate APDU Channel

Read Block Write Block <<< Previous

Application Protocol Data Unit :
Is the communication unit between a reader and a card.

Standard Key is FFFFFFFFFF

Data which should be written on the memory : It has to be 16 byte, which are 32 HEX-Digits

Activates the card, is required before you send another command, because the card gets power through this command, and can react to the following commands.

Before you read and write on a block you have to authenticate.

2. Application description

The communication between the ID INFO 7000 and the desfire-M890 module is managed through a TTL interface.

Each button of the application (except the menu navigation buttons) represent a specific command which is send through the TTL interface to the module. The module answers with the same command and , if successful, the data which the command requested.

If you want a detailed description about each functions please refer to : OEM-DES devices Communication Protocol_4.6_EN. This is the commanddescription of the module which is installed in the ID INFO 7000.

In the source code there's a "string.xml "which contains the button designations, if you want to change the language of the buttons, you can simply change the strings which are located in the file. The file is located here :

ID INFO 7000 SDK\Demosoftware\IDTRONIC\newserialapp\src\main\res\values