RFID Read/Write Devices for stationary Data Capture

This quick start guide is targeted to use for following RFID interfaces:

- iID®DESKTOPSmart LEGIC stationary unit for office desktop operation
- iID®INDUTRY0906 LEGIC industrial RFID read/write unit
- iID®stick desktop and mobile device interface
- OEM module UNI13.500

These interfaces are focused to be used within access control applications in different environments such as desktop and office environment, industrial automation and mobile environment based on their LEGIC® enabled RFID frontend. Most of all established transponders and cards in 13.56 MHz technology can be handled (see product data sheets).

Product Short Description & available Versions:

iID ® DESKTOP smart **Product Code: 35.29.550.00**

System: LEGIC® SM-4500, LEGIC® Prime, Advant, ISO 15693, ISO14443,

SONY Felica, inside contactless Pico-TAG, all customized

Product Code: 37.29.500.00

iID stick USB System: LEGIC-4200
RFID HF read/write unit for LEGIC
interface USB 2.0, antenna P16

Product Code: 37.29.550.00

iID stick USB System: LEGIC-4500
RFID HF read/write unit for LEGIC
interface USB 2.0, antenna P16

Product Code: 56.59.505.00

INDUSTRY READER HF 0906L-USB System: LEGIC-4000
iIDcontactless RFID Read/Write Unit HF LEGIC, Ethernet
System: 13.56MHz, LEGIC Prime/Advant, ISO15693, ISO14443
Antenna: P36 Interface: USB 2.0
including USB connector cable

Product Code: 25.29.550.00

UNI13.500-USB System: LEGIC 4500
RFID Read/Write Module, USB 1.1
System: 13.56MHz, LEGIC prime/advant, ISO 15693, 14443 SONY Felica, inside PICO-TAG (all customized)
Firmware: possible update via USB/RS232
Antenna: P13 Cable: USB cable, 1.5m

Performance description

This RFID read/write module with USB interface gives best opportunities for office applications. It enables closed coupling data capture for personal time management, asset management, process controll and facilitates every day work flow in the office. Most of all established transponders and cards in 13.56 MHz technology can be read and written.

Software to be installed

A comfortable set of software functions supported over microsensys iID driver engine and the included microsensys application software makes this reader very flexible.

All below recommended downloads you will find in our download area http://download.microsensys.de/

In order to set the device USB into operation, please install the USB device driver from:
http://download.microsensys.de/CDContent/USBDriver/

Microsensys offers a special LEGIC® system related demo software, which can be found here:
http://download.microsensys.de/CDContent%20LEGIC%20DemoSoft/Setup%20LEGIC%20DemoSoft%206.2.1.0.zip

In order to use iID® driver engine to communicate wirth your LEGIC® enabled interface, please install iID® software package including iID® DEMOsoft 2010 as well as iID® driver engine from:
http://download.microsensys.de/CDContent/Install/Setup%20iID%c2%ae%20software%20package.zip

First setting into operation

Before using your device the first time, please connect the device correctly with the USB-cable.Above picture shows visualization elements of iID® DESKTOP smart, which may differ for other devices described in this document.

Manner of functioning

The may be used as USB RFID read/write device controlled by host via different microsensys software applications like DEMOsoft and LEGIC® DEMOsoft.Transponders like chip cards, key tags or other medium size transponders may be communicated, when placing near the reader modules integrated antenna.

iID® driver engine or direct control using SM-4000 command set enables the usage within own chip card and access control solutions.

Signs & their meaning

iID ® DESKTOP smart shows different condition with the assistance of LEDs. Additionally there are device states shown as described below.

Symbol	Description
POWER (YELLOW)	Lights up if device switched on
FAIL (RED)	Is illuminated if a tag wasn't read correct
SCAN (GREEN)	Is illuminated if a tag was read correct

Equipment delivered:

iID®DESKTOPSmart LEGIC
iID®INDUTRY0906 LEGIC
iID®stick
OEM module UNI13.500

Standard accessories:

USB cable
USB cable
-
-

Including following Accessories:

1 x CD-ROM (Software & Documents)

Complementary microsensys Documents

Technical Datasheets:	DESKTOPsmart-04.pdf, IND HF 0906-04.pdf, USBstick1 -02.pdf, UNI13.500module-02.pdf
Product Guide RFID Reader:	(coming soon)
Product or System Documentation:	(coming soon)

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