iID® stick USB

HF-RFID read/write module

microsensys expands the proven iID® contactless RFID reader portfolio by a practical USB RFID stick based on LEGIC® technology.

The device supports a wide field of different HF standards and chip solutions. It is especially designed for stationary PCs and mobile notebooks in access control and mobile data capture applications.

microsensys offers an attractive component platform for RFID solutions – from transponder over smart readers up to practical software tools

RFID Technology: closed coupling RFID system   iID®2000 / LEGIC®4200
Standards: based on ISO 15693, ISO 14443
Chip Solutions: LEGICadvant®, LEGICprime®, I-CODE®, Tag-it®, my-D®, iID®M
further chip solutions are supported partly: Mifare®, inside, Sony Felica
sensor and high memory systems on inquiry

Basics: short range read/write communication
implemented crypto algorithms
command sets of iID® driver engine or LEGIC® command structure
downloadable reader operation system for upgrades

RFID Air Interfaces: 13.56 MHz RFID, high speed and fast mode
Operating Distance: 0 ... 50 mm   depending on transponder antenna and chip type
Reader Antenna: integrated printed antenna P16
Field Direction: orthogonal to the device label

HOST Interface: USB 2.0
Data Rate: 115.2 kbps
Connector: standard USB
Power Supply: 5V
Power Consumption: IDLE mode: typ. 20mA
SLEEP mode: not implemented
ACTIVE mode: typ. 130mA

Software Interface : iID® driver engine (Windows) or LEGIC® commands
Supported Commands: see actual API documentation of microsensys or LEGIC

Device Size: 45 (57) x 20 x 10 mm³
Casing Material: ABS / white

Operation Temperature: 0°C ... +45°C
Atmospheric Humidity: 30% ... 75%, not condensed
Storage Temperature: -5°C ... +75°C

Emissions: examine for EN 300330
Protection Class: no IP class

Type :	37.29.500.00	37.29.550.00
Downloaded OP System:	LEGIC®4200	LEGIC®4500
HOST Interface:	USB 2.0 VCP	USB 2.0 VCP
Software Interface :	LEGIC® commands	LEGIC® commands
in particular for:	LEGIC platform	LEGIC platform