

## USB PEN Mini 7.0 RFID HF

With the USB PEN Mini type continues microsensus the successful pen style product family of smart, flexible and low power 13.56MHz RFID read write units. The device is very useable for mobile and stationary data acquisition in administration, industry and logistics.

- Very useful for very small transponders
- Including mic3
- Suitable for transponder sizes up to chip cards
- Based on ISO15693 & ISO14443



### SPECIFICATIONS

RFID Technology:	closed coupling RFID system iID®3000
Standards:	based on ISO15693 and ISO14443
Chip Solutions:	mic3®, I-CODE®, Tag-it®, my-D®, iID®M, iID®G, NFC, Mifare®, TELID® Further chip solutions are supported partly: inside
Basics:	short range read/write communication, command sets of iID® driver engine downloadable reader operation system for upgrades
RFID Air Interfaces	13.56 MHz RFID, fast mode
Operating Distance:	0 ... 40 mm depending on transponder antenna and chip type
Reader Antenna:	integrated antenna K3
Field Direction:	axial
HOST Interface:	USB 2.0
Data Rate:	depending on ISO Standard and Chip Solutions
Connector:	standard USB or SubD-9male
Power Supply:	5V, stab., low noise
Power Consumption:	IDLE mode: typ. 20mA
SLEEP mode:	not implemented
ACTIVE mode:	typ. 180mA
Software Interface :	iID® driver engine (Windows)
Supported Commands:	see actual API documentation of microsensus
Device Size:	L130 mm, D12 mm
Casing Material:	aluminium tube black, plastic pin with integrated antenna
Cable Length:	SubD-9: 1.0 m, USB: 1.5 m
Emissions:	CE (examine for EN 300330) FCC (planned for 3th quarter 2013)
Protection Class:	IP 64 (not for connector)
Type:	74.79.720.00 74.76.720.00 only on inquiry
Downloaded OP System:	iID®-3000 iID®-3000
HOST Interface:	USB 2.0 RS232TTL
Software Interface :	iID® driver engine iID® driver engine