

USB PEN Mini 7.0 RFID HF



With the USB PEN Mini type is a 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.

Key features

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

v2.0

Non-contractual document

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General specifications

Dimensions	130 x D12 mm
Battery specification	3.7 V, 420 mAh Li-Ion rechargeable Power Consumption: SLEEP typ. 5µA , IDLE typ. 60 mA, ACTIVE max. 400 mA up to 10h, depending on operation mode
Interfaces	USB 2.0 RS232TTL
Connector	Standard USB or SubD-9male
Power supply	5V, stab., low noise
Power Consumption	IDLE mode: typ. 20mA Power
SLEEP mode	Not implemented
ACTIVE mode	Typ. 180mA
Software Interface	iID® driver engine (Windows)
Product material	Aluminium tube, plastic pin with integrated antenna
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)
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

Data collection

RFID HF

Frequency	HF
Protocol	13.56 MHz RFID, fast mode
Standard	ISO15693 and ISO14443
Chips	Mic3®, I-CODE®, Tag-it®, my-D®, iID®M, iID®G, NFC, Mifare®, TELID®
Operating distance	0 ... 40 mm depending on transponder antenna and chip type
Reader antenna	Integrated antenna K3

User Environment

Operating temperature	0°C to +45°C
Storage temperature	-25°C to +75°C
Protection Class	IP 64 (not for connector)

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