

iID[®] PEN bt PRO

HA 78.72.621
HA 78.72.631 / .431

**13.56 MHz RFID PEN unit
with integrated Bluetooth**

The **iID[®] PEN bt PRO** is one of the newest innovation in *microsensys* RFID-PEN concept. This reader was designed for closed coupling 13.56MHz transponder applications together with touch screen PDAs, Smart Phones and Handheld computers.

It's very useable for mobile data acquisition, asset management and maintenance documentation in administration, industry and logistics.

The customer can work with *microsensys* standard iID driver engine in the same procedures as in wire connected applications.

picture type 78.72.641 with Easy Charger



**Transponder Systems:
Chip Solutions:**

iID[®]-3000 PLUS, ISO 15693 / ISO14443 customized
I-CODE[®], Tag-it[®], my-D[®], iID[®]M, EM chip types, iID[®]G, TELID[®] 200/300
others on request: Ario[®], LEGIC[®], EPC, UID

Basics:

RFID HF closed coupling read write
Bluetooth: DOC (direct online communication)
flashable PEN operating system for new transponder upgrades

RFID Air Interfaces:

13.56 MHz RFID

closed coupling range
high speed and fast mode, no anticollision

Operating Distance:

0 ... 40 mm (dep. from transponder type and metal environment)

Reader Antenna:

K3

Product Code:

72.621

72.631

72.641

Antenna:

K3

K3

K3

Downloaded OP System:

ISO15693

ISO14443B, TELID

ISO15693/14443B, TELID

RFID Communication Rate:

26.4 kbps

106 kbps

26.4 kbps/106 kbps

Software Interface:

iID[®] 2000

iID[®] 3000

iID[®] 3000 PRO

Wireless HOST Interface:

Bluetooth 2.4 GHz, class 2, BT 1.2 compliant
programmable server or client mode, up to 5 m, serial port profile

Battery:

Li-Ion accumulator 3.6V, 520 mAh, *microsensys* type

Battery Operation Time:

up to 5000 h sleep mode, up to 5000 RFID data captures
up to 500 Bluetooth connections (on time: 1 min)

Memory:

128 Byte EEPROM, only configuration memory

Device Size:

PEN geometry

approximately D15, L 145 mm

Casing Material:

metal

Push Button:

power ON / OFF, SCAN optional

Display:

green and red LED for RFID operating status, blue LED for Bluetooth

Operation Temperature:

-10°C ... +45°C

Storage Temperature:

-25°C ... +70°C

Emissions:

examine for EN 300330

Protection Class:

IP 64

Software Interface:

iID[®] driver engine for Windows 98, 2000, XP, PPC200X,
Windows Mobile 5.0, CE.net 4.x / 5.0

Supported Commands:

see API documentation