PEN motion RFID HF

iID® PEN motion is one of the newest innovation in microsensys RFID mobile pen concept for wireless data capture. This reader is very useable for mobile data acquisition, asset management and maintenance documentation in administration, industry and logistics.

It supports a wide field of different HF standards and chip solutions - designed especially as add on device for mobile notebooks, tablet PCs and smart phones.

SPECIFICATIONS

RFID Technology:	closed coupling RFID system iID ® 2000/3000
Standards:	based on ISO 15693 and ISO 14443
Chip Solutions:	I-CODE®, Tag-it®, my-D®, iID®M, EM chip types, iID®G, iID®L, TELID®200, Mifare®ultralight, on inquiry: mic3®, iID®K, NFC, TELID®, my-D®-S
Basics:	closed coupling read / write unit iID® reader operation system
RFID Air Interface:	13.56 MHz RFID, standard type doesn't support anticollision
Operating Distance:	0 ... 20 mm depending on transponder type and metal environment
Reader Antenna:	K3
Field Direction:	closed coupling PEN antenna in front direction
HOST Interface:	Bluetooth class 2 BT
Port Profile:	BT 2.0 compliant, up to 5 m, serial port profile
Communication Modes:	programmable as server or client, DOC or SPC mode
Connectors:	only for battery charging
Software Interface :	iID® driver engine (Windows Mobile 6.0, CE.net 6.0)
Supported Commands:	see actual API documentation of microsensys iID ® driver engine
Operation Modes:	SLEEP, STAND BY, IDLE, ACTIVE
Control:	automatically, HOST or g-sensor controlled
Power Consumption:	SLEEP max. 50µA , IDLE typ. 30 mA, ACTIVE max. 200 mA
Special Device Features:	Memory: 128 Byte EEPROM, only configuration memory RTC: not activated
Display:	colour LEDs
Buttons:	no buttons, moving controlled
Battery:	Li-Ion accumulator 3.6 V, 300 mAh, microsensys type
Operation Time:	up to 5000 h sleep mode, up to 5000 RFID data captures up to 500 Bluetooth connections (on time: 1 min)
Charging:	Easy Charger or Charger Box necessary
Device Size:	PEN geometry, 135 mm long, 13.5 mm diameter
Casing Material:	metal with plastic tip
Operation Temperature:	-20°C ... +60°C
Storage Temperature:	-25°C ... +70°C
Emissions:	examine for EN 300330
Protection Class:	IP 54

AXEM Technology
11, rue Auguste Perret - ZAC Europarc - 94042 Créteil Cedex France
Tél. : +33 (0)1 41 94 11 85 - Fax. : +33 (0)1 49 56 91 52 - info@axemtec.com - www.axemtec.com

Page 1/1