



Bluetooth + LF + HF + UHF = MULTIPEN



Bluetooth RFID MULTIPEN for passive LF, HF and UHF Transponders

(125/134 kHz, 13,56 MHz, 868 MHz)





RFID MULTIPEN in different frequency combinations
in one RFID reader:

Single (LF)

or

Duo (LF and HF)

or

TRIO (LF/HF/UHF in one unit)

other frequency combinations on request

RFID MULTIPEN for industry and EX environments:

Industrial



For potentially explosive atmosphere



- ATEX / IECEx Zone 2 / 22



- ATEX / IECEx Zone 1 / 21



Technical informations

- Reads UIDs of passive RFID tags with different Frequency range combinations
- Read and Write datas for HF and LF transponders (UHF on request)
- BLUETOOTH 2.1 Class 1 interface (SPP / Serial port profile) or HID (Keyboard)
- Low Level Communication Protocol (ASCII)
- Configurations via Bluetooth like:
Left/Righthand use, Power off time, and more....
- USB / HID interface (Human interface device) or as USB CDC device
- 4 rows OLED display
- Vibration feedback
- Up to 8.000 reads with Bluetooth connection
- Powerfull 2000 mAh Accu
- Charging via USB
- Real time clock
- Internal memory for 1.000 UID reads with time stamp
- Temperature range -20°C....60°C
- IP rate 64
- For WINDOWS, ANDROID and IOS (only HID mode) devices
- APPS and source codes for WINDOWS and ANDROID devices available
- Dimensions: 186 x 30 x 35 mm Weight: 140 g



Supported RFID transponder

UHF (868 MHz)

EPC Class 1 Gen 2

HF (13,56 MHz)

ISO 15693 and ISO 14443 (NFC)

LF (125 / 134 kHz)

EM42xx,

HITAG S/1,

ISO/IEC 11784/785

FDX-B,

HDX (Singlepage / Multipage)



MULTIPEN News

HF ISO 15693 & ISO 14443 (NFC)

From Firmwareversion 0.8

Read and Write is possible via
SPP protocol

HID Mode via Bluetooth

By switching to HID mode the UID will send without any Software on the PDA.
HID Mode Bluetooth is working also with IOS (Iphone/Ipad). By using IOS
devices you have to change settings

From 1/2017 you will have a procedure by turning ON the Multipen to switch
between HID or SPP (default) mode

New SPP commands (V.0.8)

command for activate the vibrator

command for sending text from a PDA to the Multipen (2 rows)

