

YOU HF reader



The YOU is a 13.56 MHz contactless reader/encoder that can be configured to read/write all types of NFC identifiers: tags, cards, badges, etc.

To facilitate your software integration the reader can be configured in PC/SC mode.

It is also available in scanner/keyboard emulation mode. With this mode, no driver installation or software is required: the Reader is «stand-alone» and the data collected is transmitted to the computer as if entered on the keyboard.

It is ideal for a wide range of applications: loyalty programs, user identification, access control, logistics, micropayments, card-issuing offices...

Key features

- USB 2.0 full speed communication
- Detection distance: 1 - 7.5cm
- Visual and audible signals for intuitive operation
- Configurable in PC/SC or scanner mode

Benefits

- Easy to install: no driver installation required
- Fast data transfer
- Customizable: 4 mounting holes, choice of case color, 4-color printing of logo, text, QR code and others on request



NFC/HF



USB

V2.0

Document non contractuel

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General specifications

Dimensions	80 x 80 x 15mm
Housing material	Polyester resin
Frequency	13,56MHz (RFID HF, NFC)
RFID / NFC Standards	ISO 14443A-B, ISO 115693, NFC peer-to-peer (ISO 18092 initiator, passive communication mode) T=CL protocol on board
Operating distance	1 - 7,5cm depending on tag and on environment
Tag baud rate	26kbps (ISO 15693), 106/212/424/848kbps (ISO14443), 212/424kbps (ISO18092)
Antenna	Integrated, D5.5cm, balanced
Communication with host	USB 2.0 full speed (1.1 compliant) 12Mbps - powered by the host (<400mA @ 5V)
Standards	CCID 1.1 profile - PC/SC v2.01
Puissance	Powered by the USB bus (\approx 200mA / 5V)
Status indicators	3 LEDs (red, blue, green) Single tone beeper (85 dBA approx.)
Connector	USB
Color	Blue / White - with or without blue waves printing Complete customization on request
Operating Temperature	-20°C to + 70°C
Storage Temperature	-40°C to + 85°C
Humidity	0 - 90% (non condensing)
MTBF	500 000 hours
Certifications	RoHS, WEEE



PC/SC Mode

PC/SC is a specification for smart-card integration into computing environments.

PC/SC is supported by major operating systems. This standardized smartcard reader API allows developers to work with contactless cards (including Mifare® and other wired-logic chips) as easily as if they were classical T=0 or T=1 contact cards.

SCANNER Mode

Its USB interface emulates a standard keyboard: no driver installation, no software required! With the scanner mode the reader is «autonomous», collected data are transmitted to the computer as if they were entered on the keyboard.

OR

Thanks to the RFID scanner mode, reading RFID chips is as easy as reading a barcode. Configured through a secure master card.

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