



Product Code:
NFCP Black 500.614
NFCP White 500.615
NFC Black 500.641
NFC White 500.640

TWN4 NFC Reader

Readers Multitag TWN4 NFC, NFC-NFC-P and PI are flexible readers that allow the user to read or write tags in different frequencies, including ISO and LF and HF frequency standards.

• Product Specifications

The TWN4 allows users to read and write to almost any tag or label frequencies (multiplatform) 125 kHz/134,2 kHz and 13,56 MHz/NFC. It supports all main transponders de from various distributors as ACUPROX, HID, MYFARE, Atmel, EM, ST, NXP, TI, LEGIC, etc. as well ISO standards as ISO14443A/B including layer 4 (T=CL), ISO15693, ISO18092 / ECMA-340 (NFC).

The new generation RFID TWN4 module combines all the qualities of TWN3 modules in a single product, even with the same mechanical dimensions (encapsulation desktop and OEM PCB) that allows direct compatibility. This unit provides communication through USB interfaces, RS-232 and TTL.

• Special Functions

- Powerful SDK for developing applications that run directly on the reader;
- Energy saving mode;
- Two sockets SAM (Secure Access Module) embedded;
- Additional interfaces for OEM PCB version;

• Technical Specifications

Power	5 VDC (via USB or external source)
Consumption	120 mA @ 5 VDC
Communication interfaces	Serial RS-232C and TTL or USB
Reading distance*	Up to 100 mm
Frequency of operation	LF - 125 kHz, 134,2 kHz / HF - 13,56 MHz
Modulation	ASK
Protocol	ISO14443A / B, ISO18092 / NFC, ISO15693
Transponder - NFC Version	125 kHz / 134 kHz: EM4100, EM4102, EM4200, Casi Rusco, HITAG 1, HITAG 2, HITAG S, MIRO, TIRIS/HDX, UNIQUE ISO14443A: Mifare Classic 1k & 4k, Mini, DESFire EV1, Plus S&X5), Pro X5), SmartMX5), Ultralight, Ultralight C, SLE44R35, SLE66Rxx (my-d move)5), Legic Advant3), PayPass5) ISO14443B: Calypso5), CEPAS5), HID iCLASS3), Moneo5), PicoPass5), SRI512, SRT512, SRI4K, SRIX4K ISO18092 / NFC: NFCIP-1: Active and passive communication mode; NFC Forum Tag Type 1-4; Sony FeliCa2)
Transponder - NFC-P Version	NFC Version + Cotag, HID Prox, Indala, ioProx
Transponder - NFC-PI Version	NFC-P Version + HID iClass (read/write)
Dimensions	88 x 56 x 18 mm
Weight	20 g
Operating Temperature	-25° to 80°C
Relative Humidity	5% to 95% noncondensing
Protection Degree	Not apply
Installation	Built-in equipment with USB interface

* Regulated and stabilized 5V DC power with an EMF noise-free environment and without the presence of metal surfaces near the reader source is required for reliable operation.

¹ Only reading of UID.