



Purchase Code:

NFC: 500.601

NFC-P: 500.602

NFC-PI: 500.673

NFC module TWN4

Modules Multitag TWN4 NFC, NFC-NFC-P and PI are flexible readers that allow the user to read or write tags in various frequencies, including ISO LF and HF frequencies and patterns.

• Features

The TWN4 allows users to read and write to almost any tag or tag frequencies (multiplatform) 125 kHz / 134.2 kHz and 13.56 MHz / NFC. It supports all major transponders from various distributors as ACUPROX, HID, MIFARE, Atmel, EM, ST, NXP, TI, LEGIC, etc. INSIDE. ISO standards as well as ISO14443A / B including layer 4 (T = CL), ISO15693, ISO18092 / ECMA-340 (NFC).

The new generation of 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. Provides communications through the USB TTL, RS-232 and interfaces.

• Special Functions

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

• Technical Specifications

Feed	5 VDC (via USB or external source)
Consumption	120 mA @ 5 VDC
Communication interface	Serial RS-232C and TTL or USB
Reading Range*	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	76 x 49 x 12 mm
Weight	20 g
Operating Temperature	-25° to 80°C
Humidity	5% to 95% non condensing
Protection degree	Do not apply
Installation	Built-in equipment

* Considerando alimentação por fonte regulada e estabilizada de 5V DC, instalação em ambiente sem ruído eletromagnético e sem a presença de superfícies metálicas próximas ao leitor.

¹ Somente Leitura do UID.