

RFID READERS / MODULES WITH ANTENNA

ALL-IN-ONE SOLUTIONS

The RFID readers and modules of the TWN4 family are all-in-one devices capable of reading all major RFID technologies worldwide. They can be integrated in various different machines and applications as an identification interface.

Main features for most TWN4 readers:

- + Supported frequencies: 125 kHz and 13.56 MHz (incl. NFC, BLE)
- + Compliant to ISO 14443A/B, ISO 15693, ISO 18092, ECMA-340 (NFC), LEGIC® Prime, LEGIC® Advant as well as contact standard ISO 7816
- + Worldwide certifications (CE, FCC, IC and many more)
- + Powerful free of charge SDK for writing Apps, which are executed directly on the reader
- + Custom programmable
- + Remote update of firmware in field possible
- + UART (TTL, RS-232), USB, SPI, I²C, Clock/Data, Wiegand, Ethernet (via TCPConv)
- + One or two onboard SAM sockets (Secure Access Modules)

TWN4 MULTITECH 2*



FEATURES

- + Bluetooth Low Energy v4.1, upgradable, or v5.x**
- + Housing size: 88x56x18 mm

TWN4 PALON COMPACT M*



FEATURES

- + Enhanced interfaces, i.e. RS-232, RS-485
- + Bluetooth Low Energy v4.2, upgradable
- + Optimized PCB design for OEM integration
- + PCB board, tiwn stack: 41 x 44 x 30 mm

TWN4 SLIM*



FEATURES

- + Bluetooth Low Energy v4.2, upgradable
- + System integration and stand-alone reader
- + Housing size: 65.5 x 45.5 x 4 mm

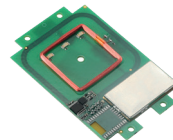
TWN4 MULTITECH 3 M*



FEATURES

- + Bluetooth Low Energy v4.1, upgradable
- + 1 onboard SAM socket
- + PCB size: 50x35x7 mm

TWN4 MULTITECH 2 M*



FEATURES

- + Bluetooth Low Energy v4.1, upgradable, or v5.x**
- + 1 or 2 onboard SAM socket(s)**
- + PCB size: 76 x 49 x 9 mm

TWN4 USB FRONT READER*



FEATURES

- + Bluetooth Low Energy v4.1, upgradable
- + 90° rotatable USB interface
- + Housing size: 60 x 39 x 16.5

* LEGIC version available. ** Depending on product variant
For exact specifications of each reader, please refer to the corresponding data sheet.

SINGLE-FREQUENCY READERS AND MODULES

ELATEC offers various solutions for applications where customer transponders operate in a single frequency range. These readers cover one frequency (either 125 kHz or 13.56 MHz), and still offer the broad programming interfaces of TWN4 family.

INCL. MAIN FEATURES FROM OUR ALL-IN-ONE-SOLUTIONS

TWN4 MULTITECH HF MINI READER



FEATURES

- + 13.56 MHz, NFC
- + Development board for interface testing on request
- + Compact dimensions: 33x30x11 mm

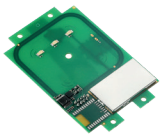
TWN4 MULTITECH 2 HF



FEATURES

- + 13.56 MHz, NFC
- + 1 onboard SAM socket (Secure Access Module)
- + Supports the following ISO standards: 14443 A/B, 15693 and 18092/ECMA-340
- + Housing size: 88 x 56 x 18 mm

TWN4 MULTITECH 2 M HF



FEATURES

- + 13.56 MHz, NFC
- + 1 onboard SAM socket (Secure Access Module)
- + Supports the following ISO standards: 14443 A/B, 15693 and 18092/ECMA-340
- + PCB size: 76 x 49 x 9 mm

For exact specifications of each reader, please refer to the corresponding data sheet.

elatec.com

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