

**Elatec TWN4 MultiTech USB contact and contactless reader**

The Elatec TWN4 contact and contactless reader is a flexible and intelligent desktop USB device that is capable of reading and writing a wide range of contactless and RFID cards and tags, operating at both 125KHz and 13.56MHz, as well as any ISO 7816 contact smartcard via the built in card slot.

Part of the TWN4 family of devices, with a wide range of options, this standard version is capable of working with many low frequency tags, such as EM, HiTag and AWID, as well as the full range of high frequency technologies including MIFARE, PicoPass and FeliCa, according to the ISO 14443, ISO 15693 and ISO 18092 NFC standards.

The USB interface defaults to keyboard emulation (wedge) mode, but can be re-configured to support either standard CCID mode (for PC/SC operation) or as a virtual COM (serial) port, by installing different firmware. The TWN4 is therefore suited to many applications including on-demand printing, access control enrolment and kiosk operation, especially where compatibility with multiple card technologies is required.

In addition, the TWN4 can be enhanced through on-board programming, to enable custom applications, for example to enable specific data to be read securely from cards and returned down the keyboard or virtual serial port to a 'dumb' application or device. To support this, it also includes two on-board SAM slots for secure key storage or other uses, and a free SDK, included in the package.

This version of the TWN4 is particularly useful for implementing on-demand printing solutions based on digital certificates or other identity information read from PKI-based smartcards or other contact chip ID card solutions.

The manufacturer's part number for this reader is T4SD-FB2BE1. Other versions are available that offer a BLE interface, as well as HID Prox and iClass compatibility. A panel-mount version is also available, while all versions can also be purchased in OEM board format if required - please contact us for more details.

**Flexible and programmable smartcard reader/writer compatible with most 125KHz (LF) and 13.56MHz (HF) cards and tags, as well as contact smartcards, and providing keyboard emulation and CCID modes.**

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~818/twn4-multitech-usb-contact-and-contactless-reader/p/index.shtml>

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