

PaperCut TWN4 USB Multi Card Reader



Introducing the PaperCut TWN4 USB Multi Card Reader

The PaperCut TWN4 family of card readers offer the widest level of support for multiple card types to be utilised in your organisation via a single card reader. They can also provide contingency for future development plans if card types are replaced or additional card types are introduced.

The PaperCut TWN4 USB Multi Card Reader will read almost any 125kHz/134.2kHz and 13.56MHz card and there are three types of reader to choose from depending on the card support you require; Standard, Version P and Version PI. Please see overleaf for a full outline of the card types supported by each version.

Supported Transponders

Standard

- 125kHz / 134.2kHz: 4100, 4200, AWID, CASI-RUSCO, HITAG 1, HITAG 2, HITAG S, Keri, Miro, Pyramid, TIRIS/HDX, UNIQUE, FDX-B, Q5, TITAN (4x50), T55x7, ZOODIAC Optionally in consideration: 4305, Cardax, IDTECK
- 13.56MHz / ISO14443A: MIFARE Classic 1k & 4k, Mini, DESFire EV1, Plus S&X, Pro X, SmartMX, Ultralight, Ultralight C, SLE44R35, SLE66Rxx (my-d move) LEGIC Advant, PayPass
- 13.56MHz / ISO14443B: Calypso, CEPAS, HID iCLASS, Moneo, PicoPass, SRI512, SRT512, SR14K, SRIX4K
- 13.56MHz / ISO15693: EM4x33, EM4x35, HID iCLASS, ICODE SLI, LEGIC Advant, M24LR16/64, Tag-it, SRF55Vxx (my-d vicinity) PicoPass
- 13.56MHz / ISO18092 / NFC: NFCIP-1: Active and passive communication mode, Peer-to-Peer, NFC Forum Tag Type 1-4, Sony FeliCa

Version P

- Supports Standard features as above as well as Cotag, G-Prox, HID Prox, Honeywell NexWatch, Indala, ioProx

Version PI

- Supports Standard and Version P features as well as HID iCLASS (CSN and Facility Code)

Frequency

125kHz, 134.2kHz (LF) / 13.56MHz (HF)

Housing

Material ABS UL94-V0, Colour availability in black or white

Dimensions

L= 88mm (3.5 inch)
W=56mm (2.2 inch)
H= 18mm (0.7 inch)

Power Supply

4.3V..5.5V via USB or RS232 (RS232 requires a 5V external power supply via connector CNB 3.3V +/- 5%)

Temperature Range

Operating: -25°C up to +80°C
(-13°F up to +176°F)

Storage: -45°C up to +85°C
(-49°F up to +185°F)

Read- / Write Distance

Up to 100mm/4 inch (Depending on transponder)

Transmission Speed

Host: USB: Full speed (12Mbit)
RS232: Up to 115.200baud
Air: Up to 848kbit/s

Modes of Operation

- USB keyboard emulation - USB virtual COM port - Transparent (direct chip-commands support)
- CCID and PC/SC 2.01

