

TWN4

Card reader to simplify authentication at a device

- Contactless card reader that connects to a device
- Allows users to authenticate at devices such as MDF's, top-up kiosks, POS and external terminals like cPads
- Works with existing onsite card solutions
- Can read and write to most 125kHz, 134.2kHz (LF) and 13.56MHz (HF) tags and/or labels
- Ideal for when the same card needs to be used across multiple devices
- Simple installation
- Compatible across a wide range of hardware solutions
- Robust construction



The TWN4 All-in-One Reader / Writer supports almost all proximity technologies including frequencies 125kHz, 13.56MHz, NFC and Bluetooth. The TWN4 multi-reader is supported on most MFP's and is robust with an excellent read range. Custom housing is available to allow seamless integration under the cover of an MFP.



easy config



prox card



vendor neutral



customise



great support



Configuration options

- Supports frequencies 125kHz, 134.2kHz (LF) and 13.56MHz (HF)
- Powerful SDK for writing Apps executed directly on the reader
- In-field programmable
- On-board 18kB flash storage for storing user accessible non-volatile data
- Direct chip-commands support
- Two on-board SAM sockets (Secure Access Module)
- CCID and PC/SC 2.01
- 4 GPIOs
- Bluetooth® V4.1, upgradeable to V4.2, API, flexible GATT structure up to 8 connections simultaneous, AES128 supported

How does it work?

The TWN4 reader can be configured to read multiple frequencies, or locked down to a single one to increase security. The TWN4 is also compatible with a number of cost recovery solutions including PaperCut, Drive and many POS and door access systems. The TWN4 can be ordered in a variety of configurations and is able to read almost any proximity card type including 13.56mhz, 125khz, NFC peer-to-peer, smart card chips, and Bluetooth® wireless technology

TWN4 Specifications	
Version	Desktop reader
Frequency	125/134.2kHz (LF) / 13.56MHz (HF) / 2402MHz – 2480MHz (BT)
Transponder types	HiD® Prox, Multi125, Inditag, Casi Rusco®, Mifare®, Mifare® NFC, Multi Iso, HiD® iClass, Legic® NFC, Bluetooth®
Read / write distance	Up to 100mm (varies per transponder)
Dimensions	Length 88mm; Width 56mm; Height 18mm
Weight	1 kg
Material	ABS UL94-V0
Colour	Black
Face artwork	Customisable
Power supply	4.3V-.5.5V via USB or RS232; RS232 requires 5V external power supply; via connector CNB 3.3V +/- 5%
Network	Ethernet (DHCP or StaticIP)
<p>The TWN4 can be used with a variety of hardware including the Cartadis cPad (9700100), most MFD's, Computers, POS, TCP/IP convertor (9600210) and TCP2/IP convertor (9600220). Taco Technologies recommends these tried and tested options.</p>	

Card reader options

Item	Version / Connector	Transponder types					
		Low Freq*	High Freq**	LEGIC	NFC peer to peer	SmartCard	Bluetooth
9500310	Version P USB-A	☆	☆		☆		
9500331	Version P USB-mini	☆	☆		☆		
9500320	Version PI USB-A	☆	☆		☆		
9500450	BLE USB-A	☆	☆		☆		☆
Contact us	Legic USB-A	☆	☆	☆	☆		
Contact us	Smart reader USB-A	☆	☆		☆	☆	

*Low Frequency includes: (125khz / 134.2kHz) HiD, Multi125, INDITAG, CasiRusco

**High Frequency includes: (13.56 Mhz) MIFARE, Multi ISO, HID ICLASS



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