

# TWN4 MULTITECH READER

## OEM-APPROVED UNIVERSAL NFC AND RFID READER FOR SECURE PRINT

**ELATEC offers multiple readers for various applications that are compatible with Transact Credentials. The TWN4 MultiTech reader with the AVT option is one that is ideal for Transact sites Print and Copy Management solutions. Its OEM pre-approval ensures a quick integration process and assures support for Transact Credentials including Mifare, DESFire EV1 and EV2, Apple Pay and Google Pay mobile credentials. Clients should work directly with their Integrator or Servicing Dealer as Transact is not a reseller of the devices.**

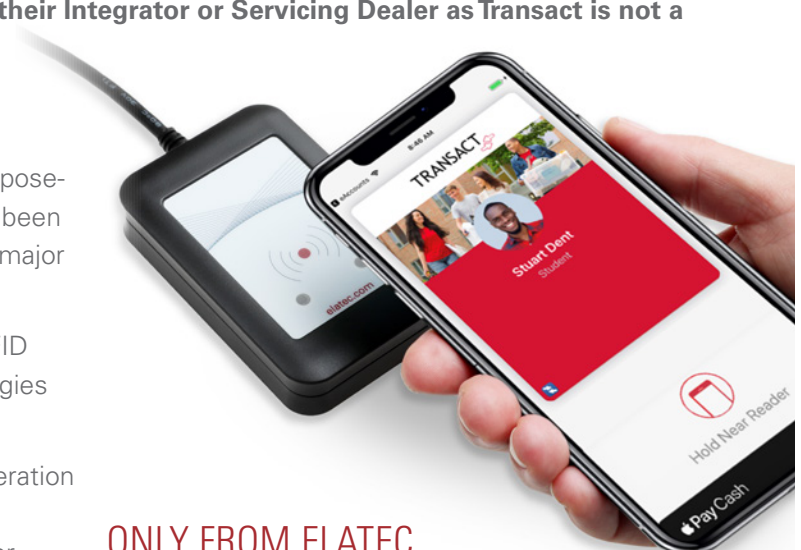
### THE ELATEC ADVANTAGE

The TWN4 MultiTech reader from ELATEC is “purpose-built” for use in secure print applications and has been tested, validated, approved for use by virtually all major MFP manufacturers.

Powerful and flexible, it is a universal NFC and RFID reader capable of reading all major RFID technologies worldwide—more than 60.

The TWN4 MultiTech’s simple “plug and play” operation enables integration with multi-function printers and other devices as a convenient and secure user identification and access control interface. The reader’s AVT option supports Transact’s hard credentials and mobile credentials.

The TWN4 MultiTech reader allows users to read and write to almost any 125 kHz / 134.2 kHz and 13.56 MHz tags and/or labels. It also supports all major transponders from various suppliers like ATMEL, EM, ST, NXP, TI, HID, LEGIC, and ISO standards like ISO14443A/B (T=CL), ISO15692 and ISO18092/ECMA-340 (NFC).



### ONLY FROM ELATEC

Our powerful combination of RFID products, software and service is unmatched in the industry. We offer simple, secure and versatile product solutions for practically any access control application, along with the knowledge and support to implement them. And we’ll be with you every step of the way to help you customize and optimize your applications. We can help you solve your unique challenges with solutions that are:

- + Secure and powerful
- + Universal and reliable
- + Flexible and future-proof

### APPLICATIONS



Secure Printing



Parking



Physical Access



Vending & Ticketing



Retail



Time & Attendance



Locker Locks

## MAIN FEATURES

- + Supports high-security contactless Mifare Classic and DESFire RFID cards
- + Allows custom configuration via powerful included software
- + Enables simple plug and play with USB cable (or optional RS-232 serial) connection
- + Uses microcontroller for encryption and secure communication
- + Configurable via a contactless card
- + Simultaneously reads over 60 card types
- + Configurable as a card analyzer
- + Customer-specific programming available
- + Reprogrammable in the field as required



## TWN4 MULTITECH SUPPORTED RFID CARDS – STANDARD

- + **ISO14443A:** LEGIC Advant1), MIFARE Classic EV12), MIFARE Classic, MIFARE Mini, MIFARE DESFire EV1, MIFARE DESFire EV22), MIFARE Plus S, X, MIFARE Pro X3), MIFARE Smart MX3), MIFARE Ultralight, MIFARE Ultralight C, MIFARE Ultralight EV1, NTAG2xx, PayPass3), SLE44R35, SLE66Rxx (my-d move)3), Topaz
- + **ISO14443B:** (Calypso3), Calypso Innovation protocol3), CEPAS3), HID iCLASS1), Moneo3), Pico Pass4), SRI4K, SRIX4K, SRI512, SRT512
- + **ISO18092** ECMA-340: NFC Forum Tag 1-5, NFC Peer-to- Peer, Sony FeliCa5), NFC Active and passive communication mode
- + **ISO15693:** EM4x333), EM4x353), HID iCLASS1), HID iCLASS SE/SR1), ICODE SLI, LEGIC Advant1), M24LR16/64, SRF55Vxx (my-d vicinity)3), Tag-it, PicoPass4)
- + 125 kHz, 134.2 kHz: AWID, Cardax, CASI-RUSCO, Deister6), EM4100, 4102, 42007), EM4050, 4150, 4450, 4550, EM43058), FDX-B, EM4105, HITAG 19), HITAG 29), HITAG S9), ICT8), IDTECK, Isonas8), Keri, Miro, Nedap6), PAC, Pyramid, Q5, T5557, T5567, T5577, TIRIS/HDX, TITAN (EM4050), UNIQUE, ZODIAC, Cotag, G-Prox6)

## TWN4 MULTITECH SUPPORTED RFID CARDS – P

- + All Standard transponders, Cotag, G-Prox6), HID DuoProx II, HID ISO Prox II, HID Micro Prox, HID ProxKey III, HID Prox, HID Prox II, Indala, ioProx, Nexwatch

## TWN4 MULTITECH SUPPORTED RFID CARDS – PI

- + Requires external TWN4 SIO Card, All Standard Transponders, All Version P Transponders, HID iCLASS10), HID iCLASS SE/ SR/SEOS (CSN and Facility Code/PAC)10), HID iCLASS Elite & SE Elite

### Reader Specifications:

<b>Physical Size:</b>	3.5" H x 2.2" W x 0.7" D
<b>Weight:</b>	4.13 oz with cable
<b>Input Power:</b>	4.3 V – 5.5 V
<b>Operating Temperature:</b>	-13° F up to +158° F
<b>Non-operating Temperature:</b>	-49° F up to +167° F

For more information contact our Application Specialists at the locations below:

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