

TECHTRACER KIT

TechTracer Kit TWN4 MultiTech-PI and TWN4 MultiTech-P LEGIC 45*

*previously known as TWN4 Tech Tracer Kit MIFARE+LEGIC



The TechTracer Kit TWN4 MultiTech was developed for the primary purpose to determine the RFID transponder technology at the customer facility by presenting the customer card and reading the result on PC.

- Configured with Tech Tracer application
- Operates at three frequencies: 125kHz, 134.2kHz and 13.56MHz
- Simultaneously reads more than forty transponder technologies (HID Prox, HID iCLASS , MIFARE Classic, MIFARE DESfire, LEGIC Advant, LEGIC Prime, Sony FeliCa, NFC)
- Powerful SDK for writing applications directly to TWN4 reader
- Includes TWN4 MultiTech-PI & TWN4 MultiTech-P LEGIC 45 desktop readers, eighteen transponders in eight unique technologies, desktop reader mounting options with a Snap-in holder and Mounting Bracket, and USB memory stick with SDK and documentation.

The Elatec TWN4 MultiTech RFID reader and writer was designed as the migration reader to address the numerous transponders deployed globally from low frequency (125kHz) such as HID Prox to high frequency (13.56MHz) such as HID iCLASS and LEGIC. One reader capable of reading all technologies simplifies supply chain logistics and reduces costs.

The TechTracer Kit TWN4 MultiTech consists of

Article	<p>1x T4DT-FB7BLZ-PI TWN4 MultiTech-PI DT-U120-b-L Desktop, USB cable 1.2m, Black, PI-Version, pre-configured with special TechTracerApp.</p> <p>1x T4DT-BB4WLZ-P TWN4 MultiTech-P LEGIC DT-U45-w-L 4500M Desktop, USB cable 0.45m, White, P-Version, pre-configured with special TechTracerApp.</p> <p>2x ART10270 MIFARE Classic Card (13.56MHz)</p> <p>2x ART10274 MIFARE DESFire Card (13.56MHz)</p> <p>2x ART13243 MIFARE Paper Label (13.56MHz)</p> <p>2x ART11861 HITAG-S Card (125kHz)</p> <p>2x ART12821 HID iCLASS 2k Card (13.56MHz)</p> <p>2x ART15498 HID Prox Card (125kHz)</p> <p>2x ART11595 LEGIC Prime MIM256 (13.56MHz)</p> <p>2x ART13777 LEGIC Advant ATC 1024 (13.56MHz)</p> <p>2x ART13530 EM4200 KeyFob (125kHz)</p> <p>1x HKBR-B Bracket Holder Kit, Black</p> <p>1x HKSI-B Snap-In Holder incl. adhesive pads, Black</p> <p>1x USB memory stick Includes drivers, sample source code, demos, datasheets and documentation.</p>		
Supported Transponders	<table border="0"> <tr> <td style="vertical-align: top;"> <p>TWN4 MultiTech-PI DT-U120-b-L</p> <p>125kHz / 134.2kHz 4100, 4102, 4200⁵⁾, AWID, CASI-RUSCO, Cotag, FDX-B, G-Prox⁸⁾, HID Prox, HID Prox II, HID ProxKey III, HITAG 1⁶⁾, HITAG 2⁶⁾, HITAG S⁶⁾, Honeywell NexWatch, Indala, ioProx, Keri, Miro, Pyramid, T5557, T5567, TIRIS/HDX, TITAN (EM4050), UNIQUE</p> <p>13.56MHz / ISO14443A MIFARE Classic 1k & 4k, Mini, DESFire EV1, Plus S&X⁷⁾, Pro X⁷⁾, Smart MX⁷⁾, Ultralight, Ultralight C, Ultralight EV1⁷⁾, NTAG 2xx⁷⁾, SLE44R35, SLE66Rxx (my-d move)⁷⁾, PayPass⁷⁾, LEGIC Advant⁵⁾</p> <p>13.56MHz / ISO14443B PicoPass⁷⁾, Calypso⁷⁾, CEPAS⁷⁾, Moneo⁷⁾, SRI512, SRT512, SRI4K, SRIX4K</p> <p>13.56MHz / ISO18092 / NFC NFCIP-1: Active and passive communication mode, NFC Peer-to-Peer, NFC Forum Tag Type 1-4; Sony FeliCa⁶⁾</p> <p>13.56MHz / ISO15693 EM4x33⁷⁾, EM4x35⁷⁾, HID iCLASS (CSN and Facility Code), ICODE SLI, LEGIC Advant⁵⁾, M24LR16/64, Tag-it, SRF55Vxx (my-d vicinity)⁷⁾, PicoPass⁷⁾</p> </td> <td style="vertical-align: top;"> <p>TWN4 MultiTech-P LEGIC DT-U45-w-L 4500M</p> <p>125kHz / 134.2kHz 4100, 4102, 4200⁵⁾, AWID, CASI-RUSCO, Cotag, FDX-B, G-Prox⁸⁾, HID Prox, HID Prox II, HID ProxKey III, HITAG 1⁶⁾, HITAG 2⁶⁾, HITAG S⁶⁾, Honeywell NexWatch, Indala, ioProx, Keri, Miro, Pyramid, T5557, T5567, TIRIS/HDX, TITAN (EM4050), UNIQUE</p> <p>13.56MHz / ISO14443A MIFARE Classic 1k & 4k, Mini, DESFire EV1, Plus S&X⁷⁾, Pro X⁷⁾, Smart MX⁷⁾, Ultralight, Ultralight C, SLE44R35, SLE66Rxx (my-d move)⁷⁾, PayPass⁷⁾, LEGIC Advant, LEGIC Prime</p> <p>13.56MHz / ISO14443B PicoPass⁷⁾</p> <p>13.56MHz / ISO18092 / NFC NFCIP-1: Active and passive communication mode, NFC Peer-to-Peer¹⁾ NFC Forum Tag Type 2-4; Sony FeliCa⁶⁾</p> <p>13.56MHz / ISO15693 EM4x35⁷⁾, HID iCLASS⁸⁾, ICODE SLI, LEGIC Advant, M24LR16/64, Tag-it, SRF55Vxx (my-d vicinity)⁷⁾, PicoPass⁷⁾</p> </td> </tr> </table>	<p>TWN4 MultiTech-PI DT-U120-b-L</p> <p>125kHz / 134.2kHz 4100, 4102, 4200⁵⁾, AWID, CASI-RUSCO, Cotag, FDX-B, G-Prox⁸⁾, HID Prox, HID Prox II, HID ProxKey III, HITAG 1⁶⁾, HITAG 2⁶⁾, HITAG S⁶⁾, Honeywell NexWatch, Indala, ioProx, Keri, Miro, Pyramid, T5557, T5567, TIRIS/HDX, TITAN (EM4050), UNIQUE</p> <p>13.56MHz / ISO14443A MIFARE Classic 1k & 4k, Mini, DESFire EV1, Plus S&X⁷⁾, Pro X⁷⁾, Smart MX⁷⁾, Ultralight, Ultralight C, Ultralight EV1⁷⁾, NTAG 2xx⁷⁾, SLE44R35, SLE66Rxx (my-d move)⁷⁾, PayPass⁷⁾, LEGIC Advant⁵⁾</p> <p>13.56MHz / ISO14443B PicoPass⁷⁾, Calypso⁷⁾, CEPAS⁷⁾, Moneo⁷⁾, SRI512, SRT512, SRI4K, SRIX4K</p> <p>13.56MHz / ISO18092 / NFC NFCIP-1: Active and passive communication mode, NFC Peer-to-Peer, NFC Forum Tag Type 1-4; Sony FeliCa⁶⁾</p> <p>13.56MHz / ISO15693 EM4x33⁷⁾, EM4x35⁷⁾, HID iCLASS (CSN and Facility Code), ICODE SLI, LEGIC Advant⁵⁾, M24LR16/64, Tag-it, SRF55Vxx (my-d vicinity)⁷⁾, PicoPass⁷⁾</p>	<p>TWN4 MultiTech-P LEGIC DT-U45-w-L 4500M</p> <p>125kHz / 134.2kHz 4100, 4102, 4200⁵⁾, AWID, CASI-RUSCO, Cotag, FDX-B, G-Prox⁸⁾, HID Prox, HID Prox II, HID ProxKey III, HITAG 1⁶⁾, HITAG 2⁶⁾, HITAG S⁶⁾, Honeywell NexWatch, Indala, ioProx, Keri, Miro, Pyramid, T5557, T5567, TIRIS/HDX, TITAN (EM4050), UNIQUE</p> <p>13.56MHz / ISO14443A MIFARE Classic 1k & 4k, Mini, DESFire EV1, Plus S&X⁷⁾, Pro X⁷⁾, Smart MX⁷⁾, Ultralight, Ultralight C, SLE44R35, SLE66Rxx (my-d move)⁷⁾, PayPass⁷⁾, LEGIC Advant, LEGIC Prime</p> <p>13.56MHz / ISO14443B PicoPass⁷⁾</p> <p>13.56MHz / ISO18092 / NFC NFCIP-1: Active and passive communication mode, NFC Peer-to-Peer¹⁾ NFC Forum Tag Type 2-4; Sony FeliCa⁶⁾</p> <p>13.56MHz / ISO15693 EM4x35⁷⁾, HID iCLASS⁸⁾, ICODE SLI, LEGIC Advant, M24LR16/64, Tag-it, SRF55Vxx (my-d vicinity)⁷⁾, PicoPass⁷⁾</p>
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Order Code	T4DK-FB-5		

¹⁾ In Preparation ²⁾ On Request Only ³⁾ External Interface Required ⁴⁾ Target Specification ⁵⁾ UID Only ⁶⁾ Encryption Not Supported ⁷⁾ UID/PUPI Only, Read/Write On Request ⁸⁾ Hash Value Only



Parking



Badges



Locker locks



Library
PC log-on



Access



Medical



Secure
Printing



Gas / Electricity
POS



Ticket POS



Fitness Studio
Equipment



Kiosk / POS / POI



Elevator



Shop POS

Detailed Information

Refer to document: Datasheet/SDK TWN4 MultiTech/LEGIC, AppBlaster Guide, Overview List supported Transponder by TWN3&TWN4

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