

# TECHTRACER KIT

## TechTracer Kit TWN4 MultiTech 2 BLE-PI and TWN4 MultiTech-P LEGIC 45\*

\*previously known as TWN4 TechTracer 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 TechTracer App
- Operates at four frequencies: 125 kHz, 134.2 kHz, 13.56 MHz and 2.4 GHz
- Simultaneously reads more than sixty transponder technologies (HID Prox, HID iCLASS, MIFARE Classic, MIFARE DESfire, LEGIC Advant, LEGIC Prime, Sony FeliCa, NFC) + Bluetooth
- Powerful SDK for writing applications directly to TWN4 MultiTech reader
- Includes TWN4 MultiTech 2 BLE-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 (125/134.2 kHz) such as HID Prox to high frequency (13.56 MHz) 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>1 x T4BT-FB2BEL7-PI TWN4 MultiTech 2 BLE-PI – Desktop, USB cable 45 cm (17.7 inch), black, TWN4 MultiTech 2 BLE PI-Version, pre-configured with special TechTracer App</p> <p>1 x 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>2 x ART10270 MIFARE Classic Card (13.56 MHz)</p> <p>2 x ART10274 MIFARE DESFire Card (13.56 MHz)</p> <p>2 x ART13243 MIFARE Paper Label (13.56 MHz)</p> <p>2 x ART11861 HITAG-S Card (125 kHz)</p> <p>2 x ART12821 HID iCLASS 2k Card (13.56 MHz)</p> <p>2 x ART15498 HID Prox Card (125 kHz)</p> <p>2 x ART11595 LEGIC Prime MIM256 (13.56 MHz)</p> <p>2 x ART13777 LEGIC Advant ATC 1024 (13.56 MHz)</p> <p>2 x ART13530 EM4200 KeyFob (125 kHz)</p> <p>1 x HKBR-B Bracket Holder Kit, Black</p> <p>1 x HKSI-B Snap-In Holder incl. adhesive pads, Black</p> <p>1 x 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><b>TWN4 MultiTech 2 BLE-PI</b></p> <p>125 kHz / 134.2 kHz AWID, Cardax, CASI-RUSCO, Cotag, Deister, EM (4050, 4100, 4102, 4105, 4150, 4200, 4305, 4450, 4550), FDX-B, G-Prox, HID (DuoProx II, ISO Prox II, Micro Prox, ProxKey III, Prox, Prox II), HITAG (1, 2, S), Honeywell Nexwatch, Indala, ioProx, Keri, Miro, Nedap, Pyramid, Q5, T55x7, TIRIS/HDX, TITAN (EM4050), UNIQUE, ZODIAC</p> <p><b>13.56 MHz / ISO14443A</b> MIFARE (Classic 1 k/4 k, Classic 1 k/4 k EV1, Mini, DESFire EV1, Plus S&amp;X, Pro X, SmartMX, Ultralight, Ultralight C, Ultralight EV1), SLE44R35, SLE66Rxx (my-d move), LEGIC Advant (UID only), PayPass, NTAG2XX, HID iClass SEOS (CSN and Facility Code/PAC)</p> <p><b>13.56 MHz / ISO14443B</b> Calypso incl. Innovatron radio protocol 14443-B', CEPAS, Moneo, PicoPass, SRI512, SRT512, SRI4K, SR1X4K, HID iCLASS, HID iCLASS SE/SR (CSN and Facility Code/PAC)</p> <p><b>13.56 MHz / ISO15693</b> EM4x33, EM4x35, ICODE SLI, M24LR16/64, Tag-it, SRF55Vxx (my-d vicinity), PicoPass, HID iCLASS, HID iCLASS SE/SR (CSN and Facility Code/PAC), LEGIC Advant (UID only)</p> <p><b>13.56 MHz / ISO18092 / NFC</b> NFCIP-1: Active and passive communication mode, NFC Peer-to-Peer, NFC Forum Tag Type 1-5, Sony FeliCa</p> </td> <td style="vertical-align: top;"> <p><b>TWN4 MultiTech-P LEGIC DT-U45-w-L 4500M</b></p> <p>125 kHz / 134.2 kHz AWID, Cardax, CASI-RUSCO, Cotag, Deister, EM (4050, 4100, 4102, 4105, 4150, 4200, 4305, 4450, 4550), FDX-B, G-Prox, HID (DuoProx II, ISO Prox II, Micro Prox, ProxKey III, Prox, Prox II), HITAG (1, 2, S), Honeywell Nexwatch, Indala, ioProx, Keri, Miro, Nedap, Pyramid, Q5, T55x7, TIRIS/HDX, TITAN (EM4050), UNIQUE, ZODIAC</p> <p><b>13.56 MHz: LEGIC Prime</b></p> <p><b>13.56 MHz / ISO14443A</b> LEGIC Advant (UID only), MIFARE (Classic 1 k/4 k, Classic 1 k/4 k EV1, Mini, DESFire EV1, Plus S&amp;X, Pro X, Smart MX, Ultralight, Ultralight C, Ultralight EV1), NTAG2xx, PayPass, SLE44R35, SLE66Rxx (my-d move)</p> <p><b>13.56 MHz / ISO14443B</b> Calypso, CEPAS, Moneo, PicoPass</p> <p><b>13.56 MHz / ISO15693</b> EM4x35, HID iCLASS, HID iCLASS SE/SR, ICODE SLI, LEGIC Advant, M24LR16/64, Tag-it, SRF55Vxx (my-d vicinity), PicoPass</p> <p><b>13.56 MHz / ISO18092 / NFC</b> NFCIP-1: Active and passive communication mode, NFC Peer-to-Peer, NFC Forum Tag Type 1-5, Sony FeliCa</p> </td> </tr> </table>	<p><b>TWN4 MultiTech 2 BLE-PI</b></p> <p>125 kHz / 134.2 kHz AWID, Cardax, CASI-RUSCO, Cotag, Deister, EM (4050, 4100, 4102, 4105, 4150, 4200, 4305, 4450, 4550), FDX-B, G-Prox, HID (DuoProx II, ISO Prox II, Micro Prox, ProxKey III, Prox, Prox II), HITAG (1, 2, S), Honeywell Nexwatch, Indala, ioProx, Keri, Miro, Nedap, Pyramid, Q5, T55x7, TIRIS/HDX, TITAN (EM4050), UNIQUE, ZODIAC</p> <p><b>13.56 MHz / ISO14443A</b> MIFARE (Classic 1 k/4 k, Classic 1 k/4 k EV1, Mini, DESFire EV1, Plus S&amp;X, Pro X, SmartMX, Ultralight, Ultralight C, Ultralight EV1), SLE44R35, SLE66Rxx (my-d move), LEGIC Advant (UID only), PayPass, NTAG2XX, HID iClass SEOS (CSN and Facility Code/PAC)</p> <p><b>13.56 MHz / ISO14443B</b> Calypso incl. Innovatron radio protocol 14443-B', CEPAS, Moneo, PicoPass, SRI512, SRT512, SRI4K, SR1X4K, HID iCLASS, HID iCLASS SE/SR (CSN and Facility Code/PAC)</p> <p><b>13.56 MHz / ISO15693</b> EM4x33, EM4x35, ICODE SLI, M24LR16/64, Tag-it, SRF55Vxx (my-d vicinity), PicoPass, HID iCLASS, HID iCLASS SE/SR (CSN and Facility Code/PAC), LEGIC Advant (UID only)</p> <p><b>13.56 MHz / ISO18092 / NFC</b> NFCIP-1: Active and passive communication mode, NFC Peer-to-Peer, NFC Forum Tag Type 1-5, Sony FeliCa</p>	<p><b>TWN4 MultiTech-P LEGIC DT-U45-w-L 4500M</b></p> <p>125 kHz / 134.2 kHz AWID, Cardax, CASI-RUSCO, Cotag, Deister, EM (4050, 4100, 4102, 4105, 4150, 4200, 4305, 4450, 4550), FDX-B, G-Prox, HID (DuoProx II, ISO Prox II, Micro Prox, ProxKey III, Prox, Prox II), HITAG (1, 2, S), Honeywell Nexwatch, Indala, ioProx, Keri, Miro, Nedap, Pyramid, Q5, T55x7, TIRIS/HDX, TITAN (EM4050), UNIQUE, ZODIAC</p> <p><b>13.56 MHz: LEGIC Prime</b></p> <p><b>13.56 MHz / ISO14443A</b> LEGIC Advant (UID only), MIFARE (Classic 1 k/4 k, Classic 1 k/4 k EV1, Mini, DESFire EV1, Plus S&amp;X, Pro X, Smart MX, Ultralight, Ultralight C, Ultralight EV1), NTAG2xx, PayPass, SLE44R35, SLE66Rxx (my-d move)</p> <p><b>13.56 MHz / ISO14443B</b> Calypso, CEPAS, Moneo, PicoPass</p> <p><b>13.56 MHz / ISO15693</b> EM4x35, HID iCLASS, HID iCLASS SE/SR, ICODE SLI, LEGIC Advant, M24LR16/64, Tag-it, SRF55Vxx (my-d vicinity), PicoPass</p> <p><b>13.56 MHz / ISO18092 / NFC</b> NFCIP-1: Active and passive communication mode, NFC Peer-to-Peer, NFC Forum Tag Type 1-5, Sony FeliCa</p>
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Order Code	T4BK-FB7-5		



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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