

TECHTRACER LITE

RFID TECHNOLOGY ANALYZING TOOL



The TechTracer Lite is a compact solution enabling on-site identification of the most common LF and HF RFID technologies in use worldwide, as well as NFC and Bluetooth Low Energy. Enclosed in a rugged case, its compact dimensions provide sales representatives with a powerful tool which is easy to carry.

On demand demonstrations or identification of RFID transponder technologies are easily accomplished by presenting customer RFID cards to the reader which then displays details of the RFID technology in use on a PC.

Special features:

- + Dimensions: 15.5 cm x 10 cm x 3.5 cm (6.1 inch x 3.9 inch x 1.4 inch)
- + Operates at four frequencies: 125 kHz, 134.2 kHz, 13.56 MHz, 2.4 GHz
- + Simultaneously reads more than sixty transponder technologies (e.g. HID Prox, HID iCLASS, MIFARE Classic, MIFARE DESFire, LEGIC Advant, Sony FeliCa, NFC active, passive and peer-to-peer mode, etc.)
- + Supports a powerful scripting environment for user defined configuration
- + Includes TWN4 MultiTech 2 BLE–PI desktop reader, eight transponders in eight different technologies
- + Plug and play (no additional software, driver or installation needed)
- + Configuration application, SDK and documentation are available on request/download



Elevator



EV Chargers



Access



Shop POS



Fitness
Equipment



Ticket POS



PC Log-on



Document
Management



Driver ID



Vending



Parking



Gaming



Locker Locks



Time
Attendance



Industrial
PC

TECHNICAL DATA

SUPPORTED TRANSPONDERS (STANDARD)	<u>ISO14443A:</u> LEGIC Advant ¹⁾ , MIFARE Classic 1k & 4k EV1, MIFARE Classic, MIFARE Mini, MIFARE DESFire EV1, MIFARE DESFire EV2, MIFARE Plus S, X, MIFARE Pro X, MIFARE Smart MX, MIFARE Ultralight, MIFARE Ultralight C, MIFARE Ultralight EV1, NTAG2xx, PayPass, SLE44R35, SLE66Rxx (my-d move), Topaz	
	<u>ISO14443B:</u> Calypso, Calypso Innovatron protocol, CEPAS, Moneo, Pico Pass, SRI4K, SRIX4K, SRI512, SRT512	
	<u>ISO18092 ECMA-340:</u> NFC Forum Tag 1-5, NFC Peer-to-Peer, Sony FeliCa, NFC Active and passive communication mode	
	<u>ISO15693:</u> EM4x33, EM4x35, HID iCLASS, HID iCLASS SE/SR, ICODE SLI, LEGIC Advant, M24LR16/64, MB89R118/119, SRF55Vxx (my-d vicinity), Tag-it	
	<u>125 kHz, 134.2 kHz:</u> AWID, Cardax, CASI-RUSCO, Deister ²⁾ , EM4100, 4102, 4200 ³⁾ , EM4050, 4150, 4450, 4550, EM4305 ⁴⁾ , FDX-B, EM4105, HITAG 1 ⁵⁾ , HITAG 2 ⁵⁾ , HITAG S ⁵⁾ , ICT ⁴⁾ , IDTECK, Isonas ⁴⁾ , Keri, Miro, Nedap ²⁾ , PAC, Pyramid, Q5, T5557, T5567, T5577, TIRIS/HDX, TITAN (EM4050), UNIQUE, ZODIAC, HID DuoProx II, HID ISO Prox II, HID Micro Prox, HID ProxKey III, HID Prox, HID Prox II, Indala, ioProx, Nexwatch, HID iCLASS, HID iCLASS SE/SR/SEOS (CSN and Facility Code/PAC), HID iCLASS Elite & SE Elite	
PERIPHERAL INTERFACES	USB, RS232	
OS SUPPORT	Windows XP, Vista, Embedded CE ⁴⁾ , 7 (32-/64-bit), 8, 8.1, 10, Linux, Android ⁴⁾ , iOS ⁴⁾ , MAC OS X ⁴⁾	
ORDER CODE(S)	T4LK-FB4BLZ-PI	USB Version PI Black
PACKAGE CONTENTS	ART13604	EM4200 Card
	ART11861	HITAG-S Card
	ART15498	HID Prox Card (26 bit)
	ART13897	HID Prox Card (37 bit)
	ART10270	MIFARE Classic 1K Card
	ART12821	HID iCLASS 2k Card
	ART14400	MIFARE Ultralight Smart Label
	ART10276	MIFARE Ultralight ISO Card
	ART10274	MIFARE DESFire 4k Card
	T4BT-FB2BEL7-PI	TWN4 MultiTech 2 BLE-PI Desktop
CAB-B4	USB cable type A 45 cm / 17.72 inch	

¹⁾UID only ²⁾Hash value only ³⁾Only emulation of 4100, 4102 ⁴⁾On request ⁵⁾Without encryption