TWN4 TECH TRACER KIT

RFID Multi-Frequency NFC Contactless Reader and Writer

The TWN4 Tech Tracer Kit 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 over forty transponder technologies (HID Prox, HID iCLASS , MIFARE Classic, MIFARE DESfire, LEGIC Advant, Sony FeliCa, NFC active, passive and peer-to-peer mode, etc.)
- Powerful SDK for writing applications directly to TWN4 reader
- Includes TWN4 MIFARE NFC –PI desktop reader, twelve transponders in six 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 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 MIFARE to the NFC the emerging global standard incorporated on many android smart phone platforms. One reader capable of reading all technologies simplifies supply chain logistics and reduces costs.

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RFID Systems

The TWN4 Tech Tracer Kit consists of

Article	**1x ART15802**	TWN4 MIFARE NFC-PI DT-U120-b-L Desktop, USB cable 1.2m, Black, PI-Version, pre-configured with special TechTracerApp.
	2x ART10270	MIFARE Classic Card (13.56MHz)
	2x ART10274	MIFARE DESFire Card (13.56MHz)
	2x ART13243	MIFARE Paper Label (13.56MHz)
	2x ART11861	HITAG-S Card (125kHz)
	2x ART12821	HID iCLASS 2k Card (13.56MHz)
	2x ART15498	HID Prox Card (125kHz)
	2x ART13530	EM4200 KeyFob (125kHz)
	1x ART15203	Bracket Holder Kit, Black
	1x ART13512	Snap-In Holder incl. adhesive pads, Black
	1x USB memory stick	Includes drivers, sample source code, demos, datasheets and documentation.
Supported Transponders	**125kHz / 134.2kHz**	4100, 4102, 4200[5], AWID, CASI-RUSCO, Cotag, FDX-B, G-Prox[8], HID Prox, HID Prox II, HID ProxKey III, HITAG 1[6], HITAG 2[6], HITAG S[6], Honeywell NexWatch, Indala, ioProx, Keri, Miro, Pyramid, T5557, T5567, TIRIS/HDX, TITAN (EM4050), UNIQUE
	13.56MHz / ISO14443A	MIFARE Classic 1k & 4k, Mini, DESFire EV1, Plus S&X[7], Pro X[7], Smart MX[7], Ultralight, Ultralight C, SLE44R35, SLE66Rxx (my-d move)[7], LEGIC Advant[5], PayPass[7]
	13.56MHz / ISO14443B	Calypso[7], CEPAS[7], Moneo[7], PicoPass[7], SRI512, SRT512, SRI4K, SRIX4K
	13.56MHz / ISO18092 / NFC	NFCIP-1: Active and passive communication mode, NFC Peer-to-Peer, NFC Forum Tag Type 1-4; Sony FeliCa[6]
	13.56MHz / ISO15693	EM4x33[7], EM4x35[7], HID iCLASS (CSN and Facility Code), ICODE SLI, LEGIC Advant[5], M24LR16/64, Tag-it, SRF55Vxx (my-d vicinity)[7], PicoPass[7]
Order Code	**ART15460**	

est 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

Detailed Information

Refer to document: Datasheet/SDK TWN4 MIFARE NFC, AppBlaster Guide, Overview List Transponder Cardreader ELATEC RFID

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