TWN4 LOGI HF

13.56 MHZ PC/SC RFID READER/WRITER WITH NFC SUPPORT

TWN4 Logi HF
PCB top view

Desktop version
(inlay customizable)

Elatec's TWN4 Logi HF reader/writer allows users to read and write to almost any 13.56 MHz tags and/or labels. It supports all major transponder technologies from various suppliers like ATMEL, EM, ST, NXP, TI etc. and ISO standards like ISO14443A/B (T=CL), ISO15693.

Special features:

+ firmware update in the field possible
+ onboard 18 kB flash storage, e.g. for storing user accessible non-volatile data
+ CCID and PC/SC 2.01
+ 3D construction data (STEP) available on request

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

FREQUENCY	13.56 MHz (HF)
ANTENNA	Integrated
HOUSING	Material: ABS UL94-V0, color: black or white
DIMENSIONS (L X W X H)	Desktop Reader: 88 mm x 56 mm x 18 mm / 3.5 inch x 2.2 inch x 0.7 inch OEM Board: 76 mm x 49 mm x 9 mm / 3.0 inch x 1.9 inch x 0.35 inch
POWER SUPPLY	4.3 V - 5.5 V via USB
CURRENT CONSUMPTION	RF field on: 120 mA typically
TEMPERATURE RANGE	Desktop, Operating: -25 °C up to +70 °C (-13 °F up to +158 °F) Desktop, Storage: -45 °C up to +75 °C (-49 °F up to +167 °F)
RELATIVE HUMIDITY	5% to 95% non-condensing
READ- / WRITE DISTANCE	Up to 100 mm / 4 inch, depending on environment and transponder
TRANSMISSION SPEED	Host: USB Full speed (12 Mbit/s); Air: up to 848 kbit/s
MODES OF OPERATION	CCID / PC/SC 2.01
MTBF	500,000 hours
WEIGHT	PCB approx. 10 g (no cable) Desktop approx. 115 g (with cable)
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 Smart MX, MIFARE Ultralight, MIFARE Ultralight C, MIFARE Ultralight EV1, NTAG2xx, PayPass, SLE44R35, SLE66Rxx (my-d move)[2], Topaz <u>ISO14443B</u>: Calypso, Calypso Innovatron protocol, CEPAS, HID iCLASS[1], Moneo, Pico Pass[2], SRI4K[3], SRIX4K[3], SRI512[3], SRT512[3] <u>ISO18092 ECMA-340</u>: NFC Forum Tag 1-5, Sony FeliCa[2] <u>ISO15693</u>: EM4x33[2], EM4x35[2], HID iCLASS[1], HID iCLASS SE/SR[1], ICODE SLI, LEGIC Advant[1], M24LR16/64, MB89R118/119, SRF55Vxx (my-d vicinity)[2], Tag-it, PicoPass[2]
PERIPHERAL INTERFACES	USB
OS SUPPORT	Windows XP, Vista, 7 (32-/64-bit), 8, 8.1, 10, Linux
CERTIFICATIONS	RoHS-II compliant, CE/RED, FCC Single Modular Approval, IC, ACA
ORDER CODE(S)	T4BT-FB2BEL2-LCCID USB Black T4BT-FB2WEL2-LCCID USB White

[1]UID only [2]UID only, read/write on request [3]On request

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