

ELATEC

RFID Systems

RFID Reader TWN4 13.56kHz, USB

Elatec's TWN4 MultiTech 2 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, ISO18092 / ECMA-340 (NFC).

The reader provides a powerful API which enables system integrators and solution providers to develop complex applications which can be run directly on the reader.



Key features:

- Powerful SDK for writing apps which are executed directly on the reader
- Firmware update in the field possible
- Onboard 18 kB flash storage, e.g. for storing user accessible non-volatile data
- Direct chip-commands support
- One onboard SAM socket (Secure Access Module)
- CCID and PC/SC 2.01
- 4 GPIOs
- 3D construction data (STEP) available on request
- Supports quick centralized (re)configuration over network and over wireless interface with TWN4 CONFIG Card
- OS Support: iOS, Linux, Mac OS X, Windows 7, Windows 8, Windows 10, Windows Vista, Windows XP



Technical Description

Functionality & Operation

Frequency	13.56 MHz
Communication interface	USB
Antennas, Antenna inputs	integrated RFID antenna
Reading/writing distance	10cm

Electrical

Power Source	4,3 V - 5,5 V
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Mechanical

Color	black
Body housing	ABS plastic
Dimensions	Width: 56mm, Height: 18mm Length: 88mm
Weight	116g

Environment

Operating temperature	-25 to 70°C
Relative humidity (non-condensing)	5 to 95%
Storage temperature	-45 to 75°C

Others

Certifications	RoHS-II compliant, CE, FCC, IC, ACA, ACMA
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