

HIGHLIGHTS

- TWN4 MULTITECH RFID READER/WRITER
- LOW POWER, FANLESS
- LCD 10,1" 1280x800 WIDE SCREEN
- MULTI TOUCH SCREEN
- RASPBERRY PI 3B+
- POWER OVER ETHERNET
- CE-COMPLIANT
- FOR INDUSTRIAL APPLICATIONS



RPI-10 RFID POE

Update: 09/2019

Hardware	Description
Type of device	RPI10 RFID PoE in steelsheet housing with integrated Raspberry Pi CPU 3B+, 10,1" widescreen display with multitouch (1280x800 Pixel). Containing PoE the All-in-one-PC may be used i.e. for time recording. Rear side: VESA75 attachment.
Mainboard	CPU: ARM Cortex A53 / 4x 1,4GHz Chipset: Broadcom BCM2387 WLAN: 802.11 b/g/n Bluetooth: Bluetooth 4.2 (Classic oder LE) Ethernet: 10/100 Base T Ethernet socket GPIO: 8x GPIO
Interfaces external (bottom side)	Serial: 3x USB 2.0 Network: 1x LAN 10/100Mbps Ethernet Optional: Real time clock (RTC); DIO with opto couplers; I <sup>2</sup> C; CAN: RS232; PoE
Interfaces internal	Type: Audio, HDMI, CSI Camera Interface Optional: Echtzeituhr (RTC)
Main memory	RAM: 1GB LPDDR2
Mass memory	Micro-SD: 16GB SDHC Class10
Display	LCD: 10,1"; 350cd/m <sup>2</sup> ; 1280x800 Pixel, contrast 800:1
Touch screen	Type: Multitouch
Power input (PoE)	Input voltages: 36-75 VDC Wattage: max. 15W
RFID	Frequenz: 125 kHz/134.2 kHz (LF) / 13.56 MHz (HF) Antenne: Integriert Transponder: Es werden u.a. LEGIC Advant1), MIFARE Classic 1k & 4k EV12), MIFARE Classic, MIFARE Mini etc. unterstützt. Nähere Informationen auf Anfrage.

Software	Description
Operation system	Raspbian, Windows 10 IoT Core; Others on request

Mechanics	Dimensions: W x H x D
Housing	Standard 258 x 187 x 49 mm On request : special housing for mounting in walls
Weight	ca. 2,5 kg

Options	Description
Mounting	Aii-in-one PC: VESA 75 with option pivot arm or foot
Enlargements	Digital input board 8 bit opto encoupled; digital output board 8 bit opto encoupled; analog input board 5 channels10 bit; analog output board 4 channels 10 bit

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