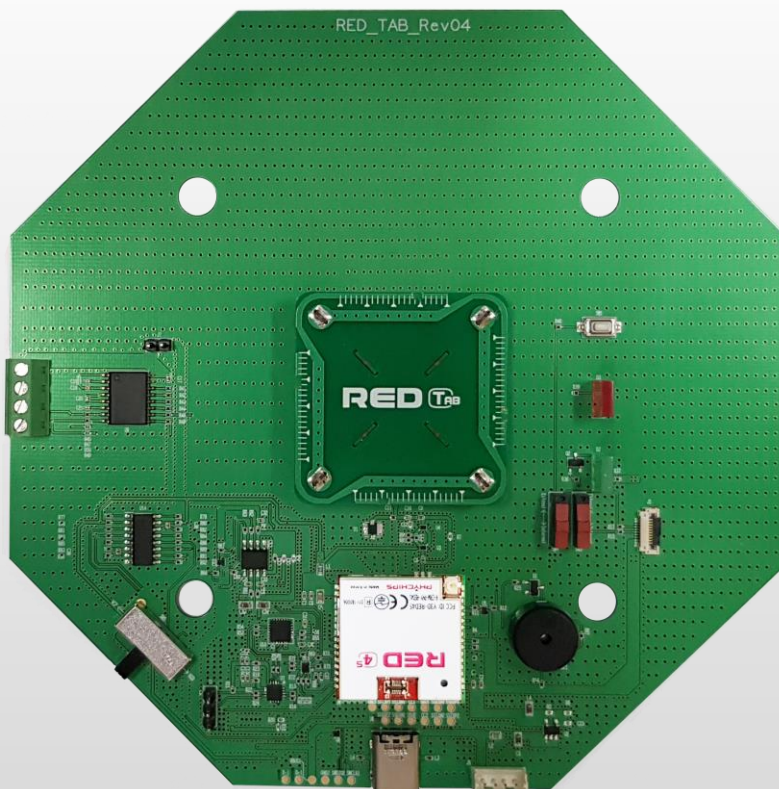




UHF RFID Desktop Reader



- UHF RFID desktop reader with integrated antenna
- Accurate and linear tag reading
- Support hardware, software development and customization
- Adjustable power 25dBm in 0.5dB step
- USB C type, RS232C interface

FEATURES

01

All-in-one Design

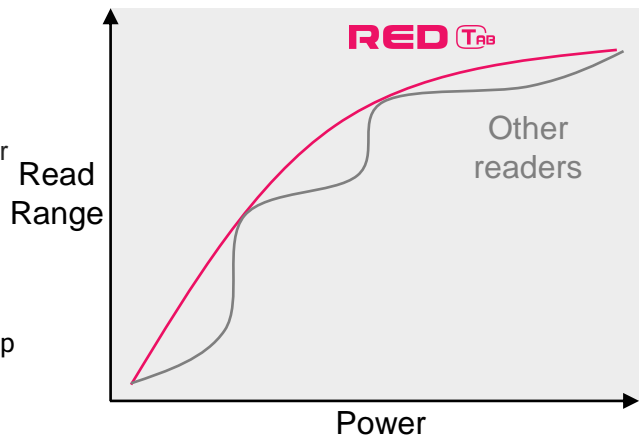
- RED4S and QUBE integrated
- Compact size
- No need to purchase separate antenna
- Support major regions (US, EU, etc.)



02

Accurate tag detection

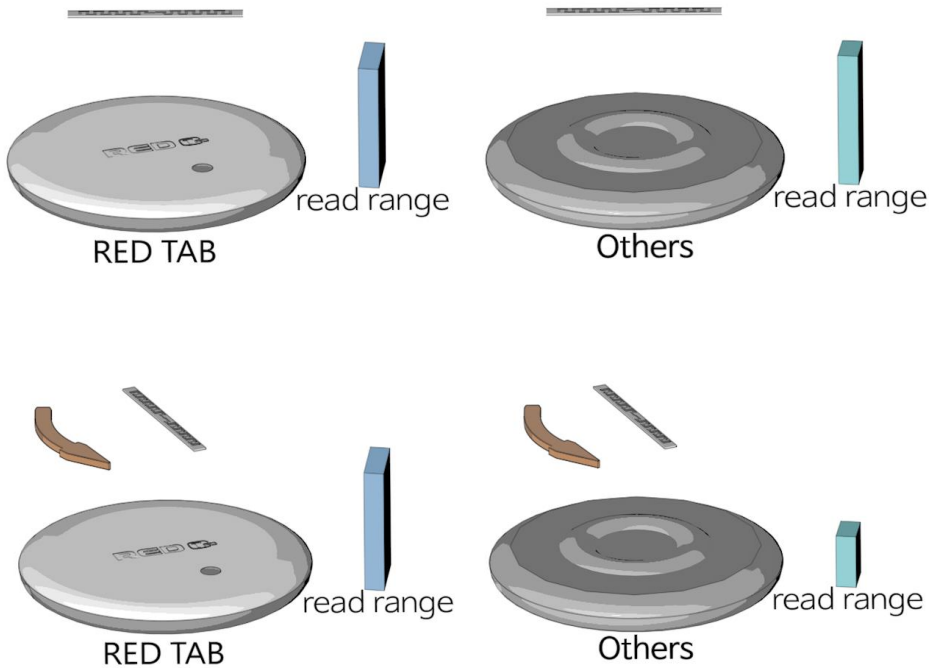
- Proportional read range to output power
- Adjustable high-precision read range
- Support 25dBm Max. power
- Output power adjustable in 0.5dBm step



03

No deviation in read range according to tag direction

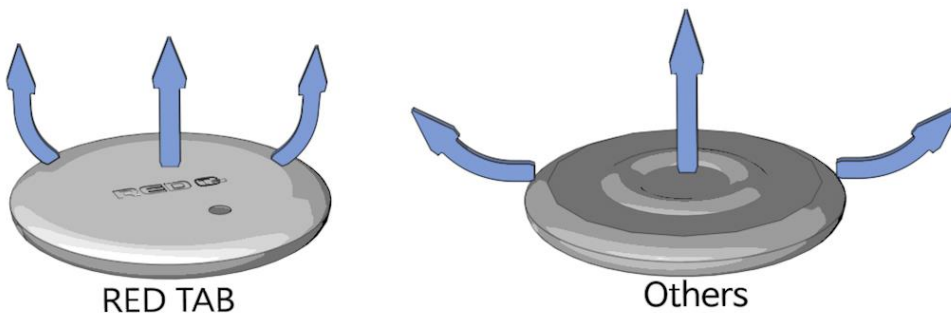
- PHYCHIPS QUBE antenna guarantees no deviation in read range by different tag directions



04

Antenna radiation

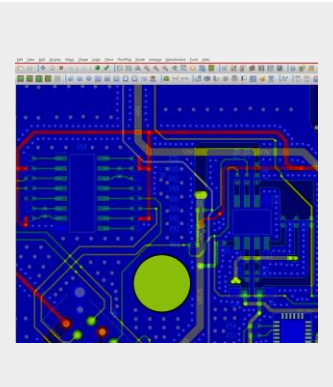
- PHYCHIPS QUBE antenna radiates to the front of the center
- It does not recognize tags located on the side or back



FEATURES

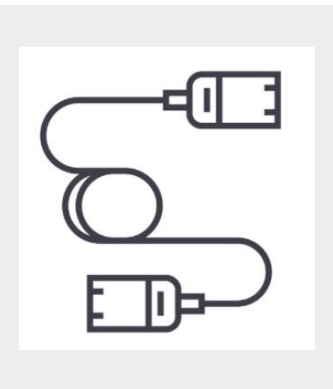
05 Support H/W, S/W Development & Customization

- Custom design available including Schematic, Artwork, Antenna, Firmware, GUI, etc.



06 Support USB VCP / HID Support RS232C

- Support VCP/HID simultaneously for various system compatibility
- RS232C 4-pin terminal block connector applied



DESIGN SERVICES

01

Basic Deliverable



RED4S

Module product, Firmware, GUI



QUBE Antenna

Semi-assembled (TOP PCB and Side PCB)



Board

Board Schematic (*.dsn), Artwork file (*.brd), GBR, BOM list

02

Customizing



Board design



Firmware

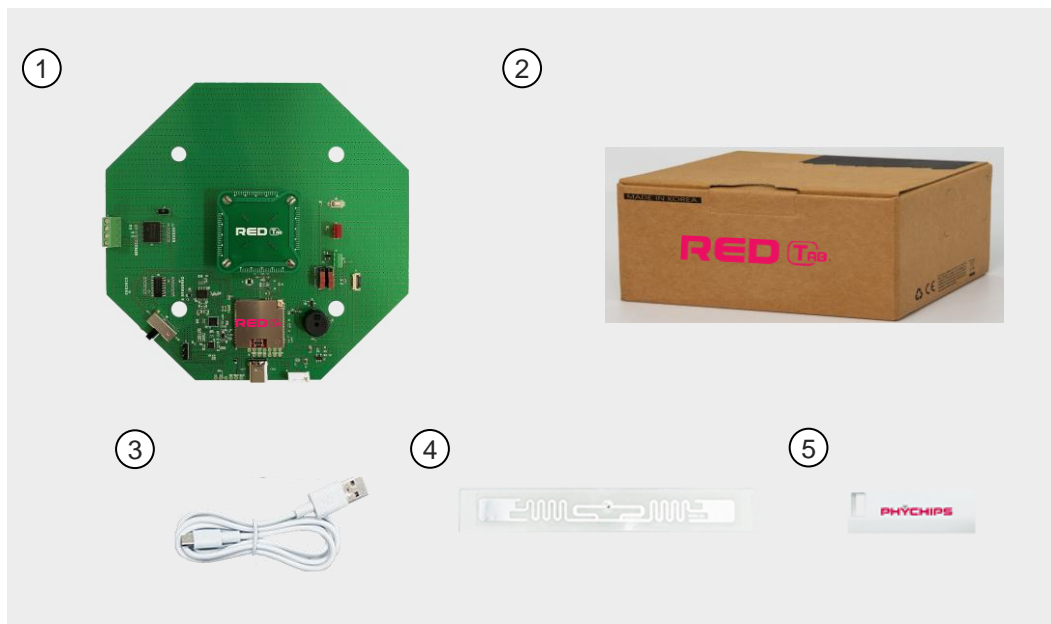


GUI

CONFIGURATION

01

Contents



- ① RED TAB
- ② DK package box
- ③ USB cable
- ④ Tag
- ⑤ USB memory

02

Documents list

- RED TAB specification
- RED Firmware development manual
- RED Utility manual
- RED TAB antenna specification

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