

## CK-T1B

### Top Mounting UHF RFID Portal Reader



Top Mounting UHF RFID Portal Reader applicable to library, archive room, exhibition hall, concert, supermarket, warehouse and other RFID tag items anti-theft, quantity statistics, sound and light alarm and other functions

- Group reading ability is strong, reading distance up to 5m, reading speed 0.3s
- RFID technology 840~960MHz optional, support protocol extension
- Multiple interfaces: RJ45, RS232 WiFi, 4G, Alarm input etc function
- Integrated audible and visual alarm, available online/offline EAS alarm
- Support integrated sound and light alarm, optional Windows / Android system
- Product appearance, function, protocols etc support customization

## ● Specification

|                                 |                                                                                                                                                              |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                           | CK-T1B                                                                                                                                                       |
| <b>  RF SPECIFICATION</b>       |                                                                                                                                                              |
| Identification Method           | UHF                                                                                                                                                          |
| RF Chip                         | Impinj R2000                                                                                                                                                 |
| Frequency Range                 | 840MHz ~ 960MHz adjustable                                                                                                                                   |
| Protocol                        | 840MHz ~ 960MHz adjustable                                                                                                                                   |
| Frequency Band (Optional)       | ETSI: 865 ~ 868MHz, JP: 916.8 ~ 920.4MHz, TW: 922.25~927.75MHz, ID: 923.125~925.125MHz, RUS: 866.6~867.4 MHz, TEST: 802.75~998.75MHz, JP_LBT: 916.8~920.8MHz |
| Read Distance                   | 0-5M                                                                                                                                                         |
| Function                        | RFID Read function, Multiple label identification, Label data filtering, Quantity statistics, Spatially induced triggering, RSSI perception, EAS alarm       |
| <b>  HARDWARE SPECIFICATION</b> |                                                                                                                                                              |
| RF Output Power (port)          | 33dBm±1dBm (MAX)                                                                                                                                             |
| Tag recognition speed           | >500 times/second                                                                                                                                            |
| operating system                | Android 4.4                                                                                                                                                  |
| Communication                   | RJ45,RS232                                                                                                                                                   |
| <b>  BASIC SPECIFICATION</b>    |                                                                                                                                                              |
| Material                        | Carbon steel plate                                                                                                                                           |
| Power Supply                    | DC12V/5A                                                                                                                                                     |
| Working Humidity                | 5% to 95%,                                                                                                                                                   |
| Operat Temperature              | -20 °C to 60 °C                                                                                                                                              |
| Size                            | 30 x 43 x 5.8cm                                                                                                                                              |
|                                 |                                                                                                                                                              |
|                                 |                                                                                                                                                              |

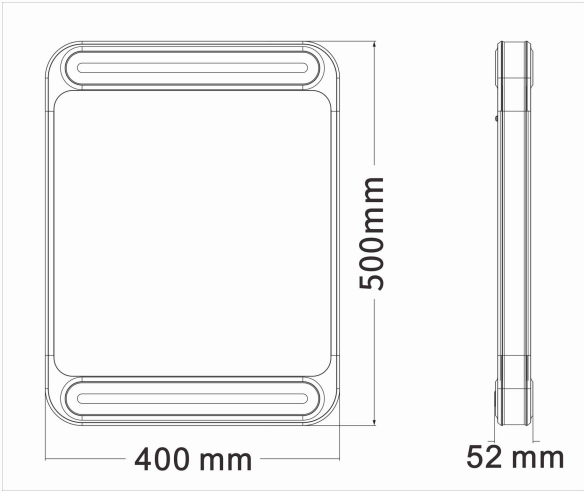
- **Related Model**

CK-T1A

- **Common Solution**

Smart Library, Archival Room, Tool Room, Supermarket, etc.

- **Dimension**



Unit : mm (inch)  
Weight. : about 1kg

- **Accessory**

| serial number | name         | units | quantity |
|---------------|--------------|-------|----------|
| 1             | power supply | pcs   | 1        |
|               |              |       |          |
|               |              |       |          |



## RFID IoT Application



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