

## CK-GT1

### Multiple Grids UHF RFID Cabinet Locker



Multiple Grids UHF RFID Cabinet Locker applicable to tool room, maintenance workshop, fire protection, nuclear power, railway rail transit and other use of UHF RFID technology to achieve the intelligent collection and return of maintenance tools, instruments, safety equipment rights management, quantity statistics, sound and light alarm and other functions

- 14-inch capacitive touch screen with 1920 × 1080 resolution
- RFID technology 840~960MHz optional, support protocol extension
- Multiple interfaces: RJ45, wifi, 4G, alarm input etc
- Support multiple cabinets in parallel, optional Windows/Android system
- Support automatic record receiving, return, constant temperature dehumidification preservation, regular calibration and inspection reminder
- Product appearance, function, protocols etc support customization

## ● Specification

|                           |                                                                                                                                                                             |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                     | CK-GT1                                                                                                                                                                      |
| <b>  RF SPECIFICATION</b> |                                                                                                                                                                             |
| Identification Method     | UHF                                                                                                                                                                         |
| RF Chip                   | Impinj R2000                                                                                                                                                                |
| Frequency Range           | 840MHz ~ 960MHz adjustable                                                                                                                                                  |
| Protocol                  | EPC C1G2, ISO 18000-6B, ISO 18000-6C                                                                                                                                        |
| Frequency Band (Optional) | ETSI: 865 ~ 868MHz, JP: 916.8 ~ 920.4MHz,<br>TW: 922.25~927.75MHz,<br>ID: 923.125~925.125MHz,<br>RUS: 866.6~867.4 MHz,<br>TEST: 802.75~998.75MHz,<br>JP_LBT: 916.8~920.8MHz |
| Product Capacity          | 1000 pcs (according of item size)                                                                                                                                           |
| Function                  | RFID read function, Multiple label identification, Label data filtering, RSSI perception, Quantity statistics                                                               |

## **| HARDWARE SPECIFICATION**

|                |                                                                   |
|----------------|-------------------------------------------------------------------|
| System Support | Windows / Android (optional)                                      |
| Hardware       | I5 CPU, 4G RAM, 128G ROM<br>RK3399 CPU, 4GRAM, 16G ROM (optional) |
| Display        | 1920 × 1080, 14-inch capacitive touch screen ( 21-inch optional)  |
| Communication  | RJ45 10/100Mbps                                                   |

## **| FUNCTION SELECTION**

|                         |          |
|-------------------------|----------|
| RFID Card Reader        | Standard |
| Bar Code                | Optional |
| QR Code                 | Optional |
| Fingerprint Recognition | Optional |
| Face Recognition        | Optional |
| Sound Light Alarm       | Optional |

|                  |           |
|------------------|-----------|
| CCTV Camera      | Optional  |
| Solar Energy     | Optional  |
| Wireless Network | WiFi / 4G |

## BASIC SPECIFICATION

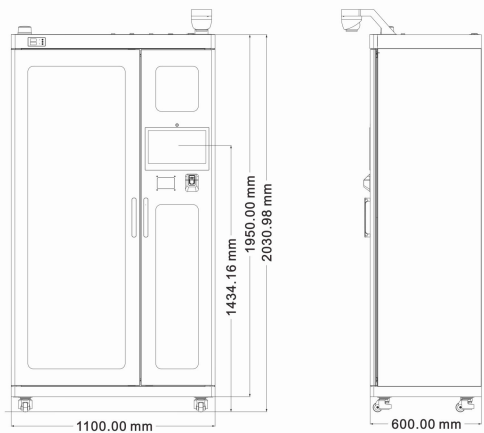
|                    |                           |
|--------------------|---------------------------|
| Material           | Carbon steel plate, Glass |
| Power Supply       | AC 110-220V 50Hz 50W      |
| Working Humidity   | 10%RH~90%RH               |
| Operat Temperature | 0 °C ~ 60 °C              |
| Size               | 203 x 110 x 60cm          |

- **Related Model**

- **Common Solution**

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

- **Dimension**



Unit : mm (inch)  
Weight. : about  
200kg

- **Accessory**

| No. | item         | units | quantity |
|-----|--------------|-------|----------|
| 1   | power supply | pcs   | 1        |
|     |              |       |          |
|     |              |       |          |



## RFID IoT Application



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### Headquarters

**Cykeo Information Technology CO., LTD.**

16th floor, Building B2, Yunzhi Science Park, Guangming District,  
Shenzhen 518107, China

### Factory

Shenzhen, Dongguang, Hefei

### Subsidiary

Hefei Jianshen InformationTechnology Co., LTD.

Cykeo Information Technology(Shandong) Co., LTD.

Cykeo Information Technology(Chengdu) Co., LTD.

Cykeo Core Information Technology (Shanghai) Co., LTD.