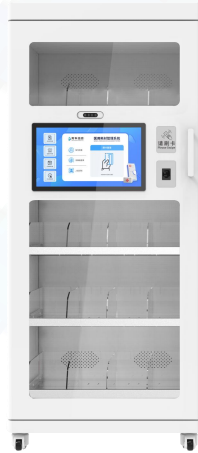


## CK-GY1B

## Medical RFID Cabinet



The CK-GY1B UHF RFID Medical Cabinet revolutionizes surgical supply management with advanced IoT capabilities. Engineered for hospital sterile environments, its Impinj R2000-driven system ensures 840-960MHz UHF tracking of gauze, implants, and high-value consumables. Featuring 21.5" touchscreen, access control, and 1941mm medical-grade steel construction, it automates stock alerts, expiration alerts, and usage analytics while complying with HIPAA/GMP standards.

- 21.5-inch capacitive touch screen with 1920 x 1080 resolution
- RFID technology 840~960MHz optional, support protocol extension
- Multiple interfaces: RJ45, support 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

|                                 |                                                                                                                                                          |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Model</b>                    | CK-GY1B                                                                                                                                                  |
| <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, 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 |
| Product Capacity                | 500 pcs (according of item size)                                                                                                                         |
| Function                        | RFID read function, Multiple label identification, Label data filtering, RSSI perception, Quantity statistics                                            |
| <b>  HARDWARE SPECIFICATION</b> |                                                                                                                                                          |
| System Support                  | Windows / Android (optional)                                                                                                                             |
| Hardware                        | I5 CPU, 4G RAM, 128G ROM<br>RK3399 CPU, 4GRAM, 16G ROM (optional)                                                                                        |
| Display                         | 1920 × 1080, 21.5-inch capacitive touch screen                                                                                                           |
| Communication                   | RJ45 10/100Mbps                                                                                                                                          |
| <b>  FUNCTION SELECTION</b>     |                                                                                                                                                          |
| RFID Card Reader                | Standard                                                                                                                                                 |
| Bar Code                        | Optional                                                                                                                                                 |
| QR Code                         | Optional                                                                                                                                                 |
| Fingerprint Recognition         | Optional                                                                                                                                                 |
| Face Recognition                | Optional                                                                                                                                                 |
| Sound Light Alarm               | Optional                                                                                                                                                 |

[illegible]

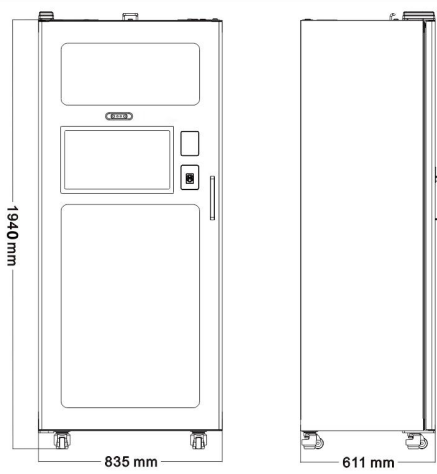
● Related Model

CK-GY2, CK-GY2B

● Common Solution

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

● Dimension



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

● Accessory

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



# RFID IoT Application



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