

## CYKEO-GY1A

## Smart Medical Cabinet RFID



The CYKEO-GY1A UHF RFID Medical Cabinet revolutionizes hospital consumables management with cutting-edge RFID technology. Designed for ORs, cath labs, and central sterile supply, this smart cabinet enables real-time tracking of 250-500 medical items via EPC C1G2 protocols. Featuring a 21.5" touchscreen and Windows/Android OS, it automates stock checks, expiry alerts, and usage audits while ensuring 99.9% read accuracy. Its modular design supports shelf/cradle customization, making it ideal for high-demand medical environments.

- 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>                    | CYKEO-GY1A   |
| <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<br>(Optional)    | ETSI: 865~868MHz, JP: 916.8~920.4MHz, TW:<br>922.25~927.75MHz,<br>ID: 923.125~925.125MHz, RUS: 866.6~867.4<br>MHz, TEST: 802.75~998.75MHz,<br>JP_LBT: 916.8~920.8MHz |
| Product Capacity                | 500 pcs (according of item size)   |
| Function                        | RFID read function, Multiple label<br>identification, Label data filtering,<br>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<br>screen  |
| Communication                   | RJ45 10/100Mbps  |
| <b>  FUNCTION SELECTION</b>     |  |
| RFID Card Reader                | Standard   |
| Bar Code                        | Optional   |
| QR Code                         | Optional   |
| Fingerprint<br>Recognition      | Optional   |
| Face Recognition                | Optional   |
| Sound Light Alarm               | Optional   |



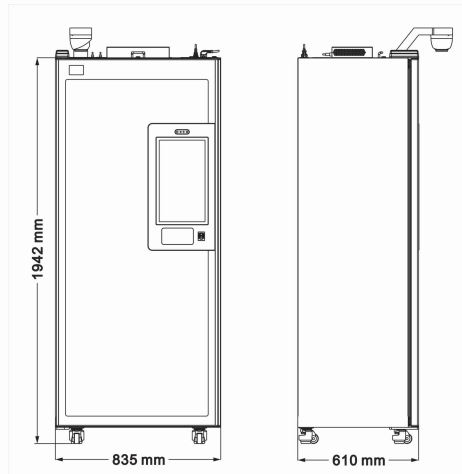
- Related Model

CYKEO-GY2, CYKEO-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        |
|               |              |       |          |
|               |              |       |          |



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