

CK-GY1A

Smart Medical Cabinet RFID



The CK-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

Model	CK-GY1A
 RF SPECIFICATION	
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
 HARDWARE SPECIFICATION	
System Support	Windows / Android (optional)
Hardware	I5 CPU, 4G RAM, 128G ROM RK3399 CPU, 4GRAM, 16G ROM (optional)
Display	1920 × 1080, 21.5-inch capacitive touch screen
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

[illegible]

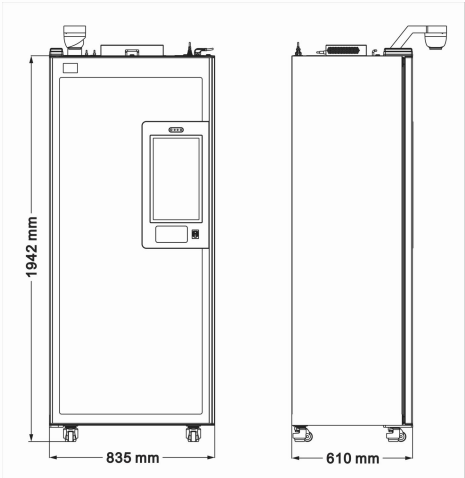
● Related Model

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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