

CK-GY1A

SMART RFID MEDICAL CABINET



The CK-GY1A Smart RFID Medical Cabinet revolutionizes surgical consumables management with ultra-high-frequency RFID technology. Designed for operating rooms and sterile environments, it enables real-time tracking of 250-500 medical items, reducing inventory errors by 99% and cutting staff workload by 70%. Featuring 14" touchscreen, Windows/Android OS, and dual camera verification, it ensures full traceability from procurement to disposal while complying with FDA 21 CFR Part 11 standards.

- 14-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, 14-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

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

| BASIC SPECIFICATION

Material	Carbon steel plate, Tempered glass
Power Supply	AC 110-220V 50Hz 50W
Working Humidity	10%RH~90%RH
Operat Temperature	0 °C ~ 60 °C
Size	83.5 x 61 x 194.2 cm

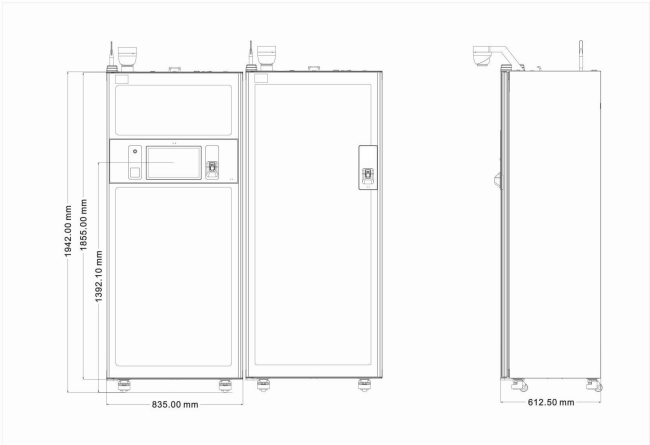
● Related Model

CK-GY2A,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



Need Advice



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