

CYKEO-GWHA

RFID CHEMICAL MANAGEMENT CABINET



The CYKEO-GWHA RFID Chemical Management Cabinet revolutionizes hazardous material handling with advanced UHF RFID and weight-sensing technology. Designed for laboratories, pharmaceutical facilities, and industrial plants, it automates chemical tracking via 400pcs/sec RFID scanning, dual-authentication access (face recognition + multi-user lock), and VOC gas detection. The corrosion-resistant cabinet supports real-time inventory sync with ERP systems, eliminating manual logging while ensuring full compliance with safety regulations.

- 21.5-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 gas detection, equipped with independent air outlet can be external pipe. The cabinet is made of flame-retardant and anticorrosive materials, and is equipped with a detachable liquid leakage tank
- Saving manual inventory time and warehouse registration procedures, improve management and control efficiency

● Specification

Model	CYKEO-GWHA
 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	300 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

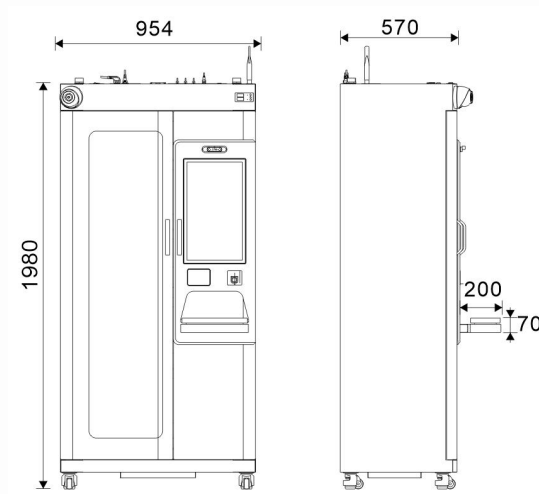
- Related Model

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- Common Solution

Tool Room, laboratory, chemical plant, school

- Dimension



Unit : mm (inch)
Weight. : about 100kg

- Accessory

serial number	name	units	quantity
1	power supply	pcs	1



RFID IoT Application



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