

CK-GT1A

RFID CABINET FAQs



The CK-GT1A Indoor RFID Cabinet revolutionizes tool control with 5-second automated inventory (ISO 18000-6C compliant). Its modular 4-6 layer design (adjustable 225-280mm shelf height) features a 1.2mm steel body with optional dehumidifier. The 21.5" anti-glare touchscreen (1280×800) enables voice-guided workflows while ≤150W power efficiency ensures 24/7 operation in 0-60°C environments.

- 14-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 multiple cabinets in parallel, optional Windows/Android system
- Support automatic record receiving, return, constant temperature dehumidification preservation, regular calibration and inspection reminder

● Specification

Model	CK-GT1A
 RF SPECIFICATION	
Identification Method	UHF
RF Chip	Impinj R2000
Frequency Range	840MHz~960MHz adjustable
Protocol	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Shelf Options	4×280mm/6×225mm
Read Speed	1-3 sec
Product Capacity	1000 pcs (according of item size)
Material	1.2mm Carbon Steel
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 (21-inch optional)
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
Power	≤80W @220V/50Hz

BASIC SPECIFICATION

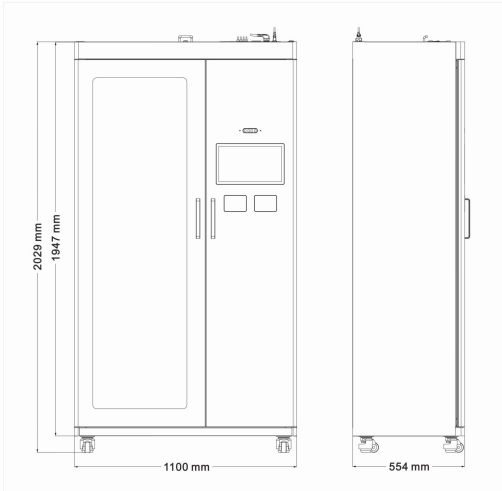
Material	Carbon steel plate, Glass
Power Supply	AC 110-220V 50Hz 50W
Working Humidity	10%RH~90%RH
Operat Temperature	0 °C ~ 60 °C
Size	2029×1100×554mm

- Related Model

- 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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