

CK-GT3D

RFID SMART TOOL CABINET



The CK-GT3D RFID Smart Tool Cabinet is an advanced automated management system designed for secure 24/7 tool storage and tracking. Utilizing ISO 18000-6C UHF RFID technology, it delivers rapid inventory management with the capability to identify 300+ tools within 5 seconds. Featuring dual authentication methods including high-frequency card reading and facial recognition, this robust cabinet ensures authorized access while providing real-time tool tracking, maintenance alerts, and voice prompts. Its modular design supports expansion units for growing tool inventories in industrial environments.

- RFID technology 840-960MHz optional, support protocol extension
- Multiple interfaces: RJ45, support wifi, 4G, alarm input etc
- Saving manual inventory time and warehouse registration procedures, improve management and control efficiency, grid can be extended
- Product appearance, function, protocols etc support customization

● Specification

Model	CK-GT3D
 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
Function	RFID read function, Multiple label identification, Label data filtering, RSSI perception, Quantity statistics
Product Capacity	1000 pcs (according of item size)

| HARDWARE SPECIFICATION

Screen	External connection
Touchscreen	21.5-inch capacitive touch screen
Operating System	Windows /Android
Controller	I5, 4th generation,8G+128G(dual network ports)/RK3399,4G+32G
Internal layout	Three-layer laminate (adjustable)
Communication	RJ45 10 / 100Mbps

||FUNCTION SELECTION

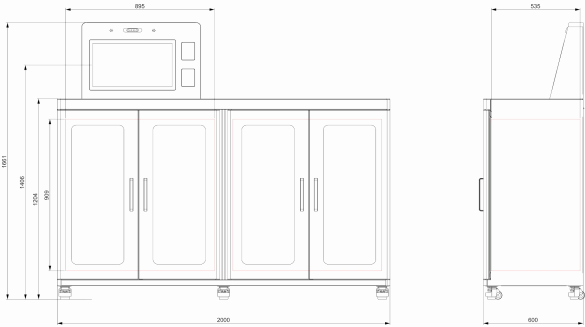
RFID Card Reader	Standard
Face Recognition	Optional
Bar Code	Optional
QR Code	Optional
Sound Light Alarm	Optional
Fingerprint Recognition	Optional

[illegible]

- **Related Model**
CK-GTC

- **Common Solution**
Smart Library, Archival Room, Tool Room, Supermarket, etc.

- **Dimension**



Unit : mm (inch)
Weight. : about 150 kg

- **Accessory**

serial number	name	units	quantity
1	power supply	pcs	1



RFID IoT Application



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