

CK-GT3B

RFID Tool Inventory System Cabinet



The CK-GT3B Outdoor RFID Cabinet features revolutionary solar/wind hybrid power (160W solar + optional turbine) for off-grid tool management. Its 1.2mm carbon steel construction and 10" sunlight-readable touchscreen (1280×800) deliver ISO 18000-6C compliance in extreme conditions. With dual authentication (HF card/face ID) and $\leq 80W$ ultra-efficiency, it operates continuously via 4G wireless in $-30^{\circ}C$ to $60^{\circ}C$ environments.

- 10.1-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-GT3B
 RF SPECIFICATION	
Identification Method	UHF
RF Chip	Impinj R2000
Frequency Range	840MHz~960MHz adjustable
Protocol	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Touchscreen	10.1" Touchscreen
Product Capacity	1000 pcs (according of item size)
Read Speed	1-3 sec
Read Range	5-50cm Adjustable
Backup Time	72hr

| HARDWARE SPECIFICATION

System Support	Windows / Android (optional)
Hardware	I5 CPU, 4G RAM, 128G ROM RK3399 CPU, 4GRAM, 16G ROM (optional)
Display	1366 × 788, 10.1-inch capacitive touch screen (21-inch optional)
Communication	4G/Wired

| 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

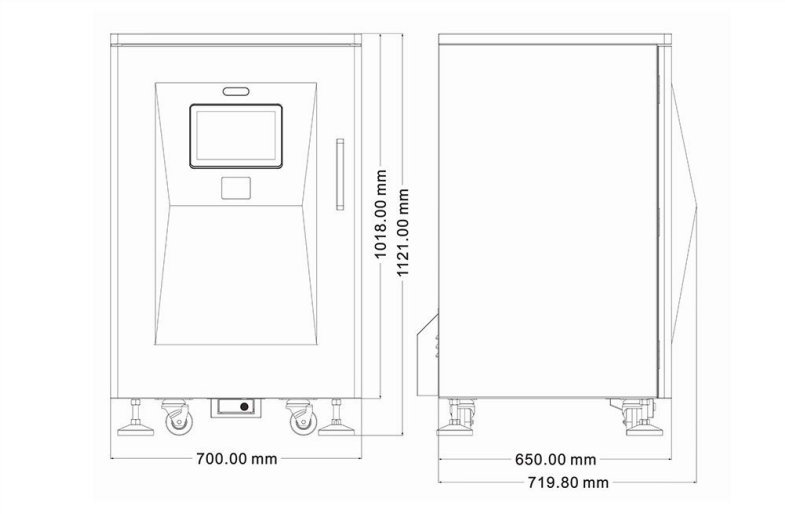
Material	Carbon steel plate, Glass
Power Supply	AC 110-220V 50Hz 50W
Working Humidity	10%RH~90%RH
Operat Temperature	0 °C ~ 60 °C
Size	1121×719×700mm

- Related Model

- Common Solution

Smart Library, Archival Room, Tool Room, Supermarket, etc.

- 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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