GSRFID

GS-GTC4C

INDUSTRIAL RFID TOOL CART

The GS-GTC4C Industrial RFID Tool Cart is a high-efficiency mobile solution for tool tracking in aviation, power, and manufacturing industries. Equipped with UHF RFID (ISO 18000-6C), it enables 3-second inventory, automated check-in/out, and real-time alerts for missing tools. Its rugged 1.2mm carbon steel construction and 10.1" touchscreen ensure reliability in harsh environments. With 10+ hours of battery life, it’ s ideal for line-side tool management and FOD prevention.

- 10.1-inch capacitive touch screen with 1366 × 768 resolution
- RFID technology 840~960MHz optional, support protocol extension
- Multiple interfaces: RJ45, wifi, 4G, alarm input etc
- Support Independent RFID record, optional Windows/Android system
- Saving manual inventory time and warehouse registration procedures, improve management and control efficiency, timely reminder of tool omissions to ensure safe use

Specification

Model	GS-GTC4C
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
Drawer Capacity	4 layers
Product Capacity	300 pcs (according of item size)
Communication	RJ45 10/100Mbps
Function	RFID read function, Multiple label identification, Label data filtering, RSSI perception, Quantity statistics
HARDWARE SPECIFICATION	
System	Windows / Android (optional)
Hardware	I5 CPU, 4G RAM, 128G ROM / RK3399 CPU, 4GRAM, 16G ROM (optional)
Display	1366 x 768, 10.1-inch capacitive touch screen (optional)
Communication	RJ45 10/100Mbps
FUNCTION SELECTION	
RFID Card Reader	Standard
Face Recognition	Optional
Bar Code	Optional
QR Code	Optional
Fingerprint Recognition	Optional

CCTV Camera	Optional
Solar Energy	Optional
Thermostatic Dehumidifier	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	1170 x 600x 1214mm

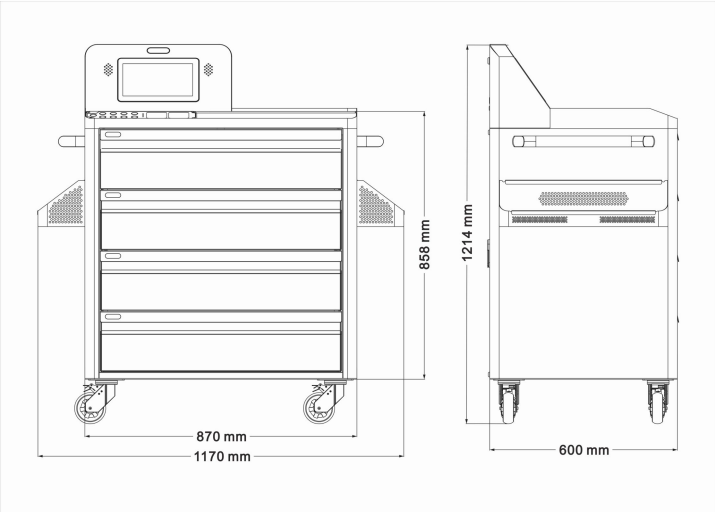
- **Related Model**

  GS-GTC8

- **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

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RFID IoT Application

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