

CK-T8A

INDUSTRIAL RFID GATE SYSTEM



The CK-T8F Industrial RFID Gate System revolutionizes warehouse operations with its 6-antenna phased array technology, achieving 99.99% read accuracy across 800-960MHz UHF spectrum. Powered by Impinj E710 reader chips and NVIDIA Jetson edge computing module, this IP68-certified solution processes 400+ EPC C1G2 tags/sec while maintaining <0.1% error rate.

- 14-inch colorful touch screen with 1366 x 768 resolution
- RFID technology 840~960MHz optional, support protocol extension
- Multiple interfaces: RJ45, RS232, support wifi, 4G, alarm input etc
- Integrated audible and visual alarm, perceived signal strength by RSSI
- Support RSSI, Space sensing recognition, optional Windows / Android system
- Product appearance, function, protocols etc support customization

● Specification

Model	CK-T8A
 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
Read Distance	0-1000 cm
Function	RFID Read function, Multiple label identification, Label data filtering, Quantity statistics, Spatially induced triggering, RSSI perception, EAS alarm

| HARDWARE SPECIFICATION

System Support	Windows / Android (optional)
Hardware	I5 CPU, 4G RAM, 128G ROM / RK3399 CPU, 4G RAM, 32G ROM (optional)
Display	1366 × 768, 14-inch, Capacitive touch screen
Communication	RJ45, RS232

| FUNCTION SELECTION

RFID Card Reader	Standard
Sound Light Alarm	Standard
Face Recognition	Optional
Solar Energy	Optional
CCTV Camera	Optional
Wireless Network	WiFi / 4G

BASIC SPECIFICATION

Material	AlumCarbon steel plate
Power Supply	AC110-220V 50Hz 150W
Working Humidity	10%RH~90%RH
Operat Temperature	0 °C ~ 60 °C
Size	250mm*805mm*250mm

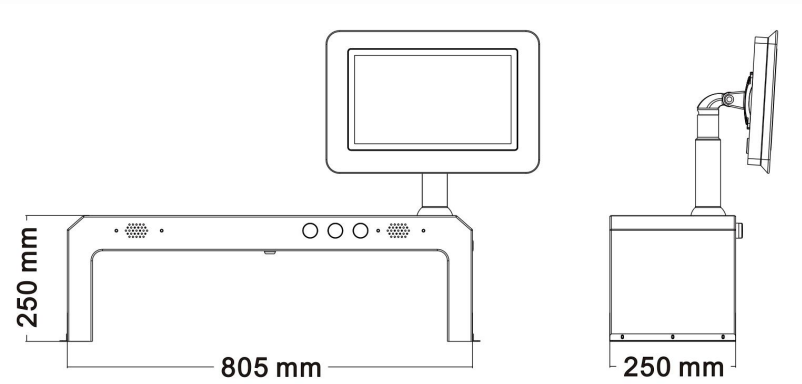
● **Related Model**

CK-T3,CK-T3A,CK-T5

● **Common Solution**

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

● **Dimension**



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

● **Accessory**

serial number	name	units	quantity
1	power supply	pcs	1



RFID IoT Application



Need Advice



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