

## CK-T8A

## INDUSTRIAL RFID SCANNING GATE



The CYKEO-T8A 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	CYKEO-T8A
<b>  RF SPECIFICATION</b>	
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
<b>  HARDWARE SPECIFICATION</b>	
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
<b>  FUNCTION SELECTION</b>	
RFID Card Reader	Standard
Sound Light Alarm	Standard
Face Recognition	Optional
Solar Energy	Optional
CCTV Camera	Optional
Wireless Network	WiFi / 4G



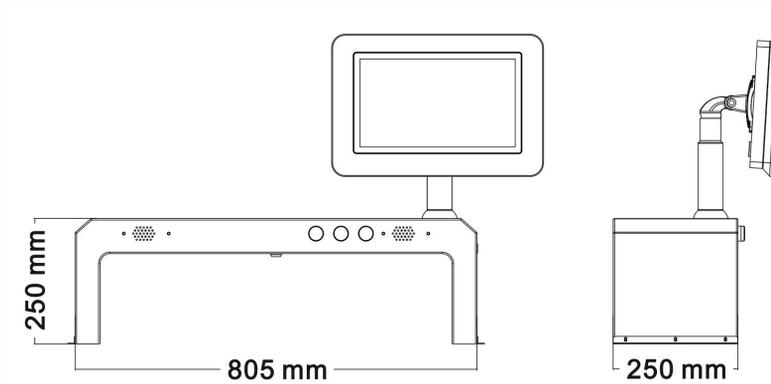
- Related Model

CYKEO-T3, CYKEO-T3A, CYKEO-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



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