

CYKEO-TP5A

UHF RFID INVENTORY TUNNEL GATE



The CYKEO-TP5A revolutionizes warehouse operations with its 8-channel Impinj R2000 RFID system, achieving 98.7% accuracy in scanning 800+ tags per minute. This 2400mm-wide industrial tunnel gate features intelligent PLC-controlled sliding doors that automatically isolate scanning zones, preventing signal interference from adjacent RFID tags.

- 21.5-inch colorful touch screen with 1920 x 1080 resolution
- RFID technology 840~960MHz optional, support protocol extension
- Multiple interfaces: RJ45, RS232, support wifi, 4G, alarm input etc
- Integrated audible and visual alarm, safety automatic rolling shutter door
- Support face recognition, space sensor, optional Windows / Android system
- Product appearance, function, protocols etc support customization

● Specification

Model	CYKEO-TP5A
 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
Product Capacity	1000 pcs (according of item size)
Recognition Response	1-5 seconds
Function	RFID read function, Multiple label identification, Label data filtering, RSSI perception, Quantity statistics
 HARDWARE SPECIFICATION	
System Support	Windows / Android (optional)
Hardware	I5 CPU, 4G RAM, 128G ROM RK3399 CPU, 4GRAM, 16G ROM (optional)
Display	1920 x1080, 21.5-inch, Capacitive touch screen
Communication	RJ45 / RS232
 FUNCTION SELECTION	
RFID Card Reader	Standard
Bar Code	Optional
QR Code	Optional
Fingerprint Recognition	Optional
Face Recognition	Optional

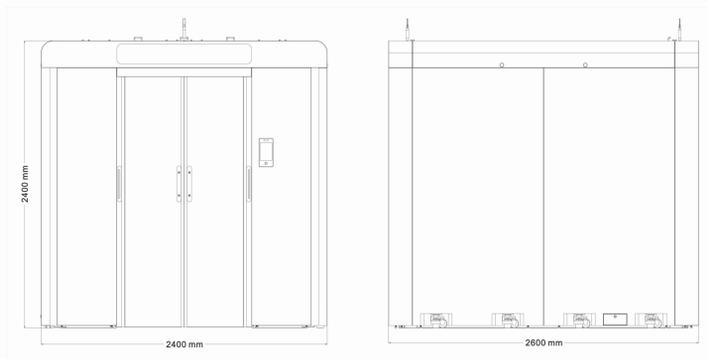
- **Related Model**

CYKEO-TP1

- **Common Solution**

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

- **Dimension**



Unit : mm (inch)
Weight. : about 300kg

- **Accessory**

serial number	name	units	quantity
1	power supply	pcs	1



RFID IoT Application



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