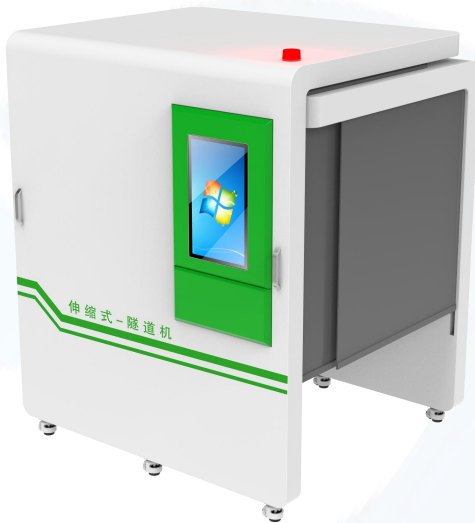


CK-TP4A

RETRACTABLE RFID GATE



The CK-TP4A Retractable RFID Gate is an industrial-grade scalable solution designed for high-volume inventory management of large-scale assets. Featuring an innovative expandable design that adjusts from 1400mm to 2400mm width, it accommodates various cage carts and shelf trucks with exceptional flexibility. The advanced 6-antenna UHF RFID system enables rapid batch processing of up to 1000+ items within 10 seconds, while the 21.5-inch touchscreen provides real-time data visualization. Ideal for utility meter management, hotel linen tracking, and apparel warehouse operations, this system delivers unprecedented efficiency in large-scale inventory control.

- 21.5-inch capacitive touch screen
- Multiple communication interfaces: RJ45, RS232, USB, alarm input etc
- Support multiple devices in parallel, conveyor speed 33-50cm/s
- The screen generates lists in real time for easy management, optional Windows/Android system

● Specification

Model	CK-TP4A
 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
Antenna Quantity	6 antennas, 10dBi Gain
RFID Item Reader	33dbm+-1dbm (Max)
Read Rate	3 seconds
RFID Item Reader	400+ pcs
Function	RFID read function, Multiple label identification, Label data filtering, Quantity statistics,
 HARDWARE SPECIFICATION	
System Support	Windows / Android (optional)
Hardware	I5 CPU, 4G RAM, 128G ROM RK3399 CPU, 4GRAM, 16G ROM (optional)
Display	21.5-inch capacitive touch screen
Communication	RJ45, RS232, USB
 FUNCTION SELECTION	
Sound Light Alarm	Standard
CCTV Camera	Optional
Wireless Network	WiFi / 4G

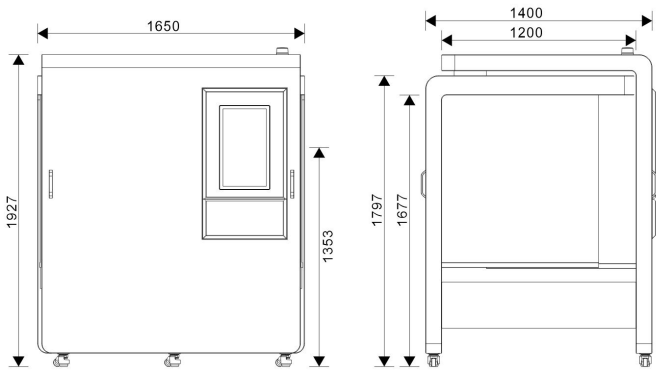
[illegible]

● Related Model

● Common Solution

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

● Dimension



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

● Accessory

serial number	name	units	quantity
1	power supply	pcs	1



RFID IoT Application



Need Advice



Subscribe

Follow us: **Cykeo**



Headquarters

Cykeo Information Technology CO., LTD.
16th floor, Building B2, Yunzhi Science Park, Guangming District,
Shenzhen 518107, China

Factory

Shenzhen, Dongguang, Hefei

Subsidiary

Hefei Jianshen InformationTechnology Co.,
LTD.
Cykeo Information Technology(Shandong) Co., LTD.
Cykeo Information Technology(Chengdu) Co., LTD.
Cykeo Core Information Technology (Shanghai) Co., LTD.