

CK-TP3BC

RFID TUNNEL INVENTORY SYSTEM



The CK-TP3BC industrial RFID tunnel system redefines inventory automation with 840-960MHz UHF technology and Impinj R2000 chipset. Its triple-stage conveyor achieves 30m/min throughput while maintaining 99.97% read accuracy under 80kg load.

- 10.1-inch capacitive touch screen with 1280 × 800 resolution
- RFID technology 840~960MHz optional, support protocol extension
- 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-TP3BC
 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
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	1280 x 800, 10.1-inch capacitive touch screen
Communication	RJ45, RS232, USB

| FUNCTION SELECTION

Sound Light Alarm	Standard
CCTV Camera	Optional
Wireless Network	WiFi / 4G

| BASIC SPECIFICATION

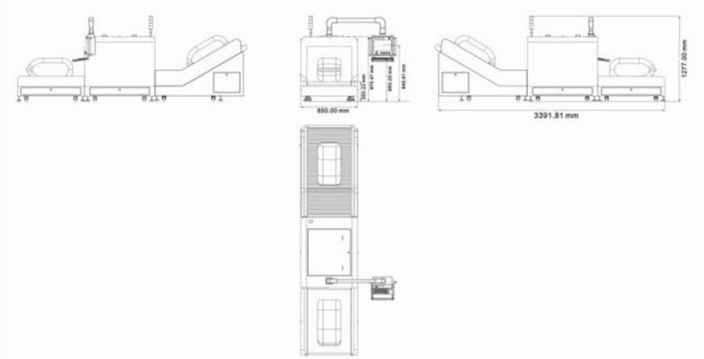
[illegible]

- **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



Subscribee

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.