

CYKEO-TP3BC

RFID Inventory Tunnel System



The CYKEO-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	CYKEO-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

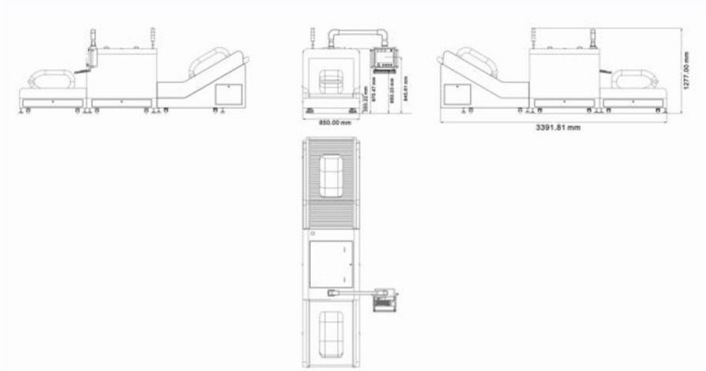
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● Related Model

● 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



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