

CK-TP2B

RFID WAREHOUSE MANAGEMENT CHANNEL



The CK-TP2B RFID Tunnel Inventory System revolutionizes industrial inventory management with its 3-second batch-reading capability. Engineered with ISO 18000-6C compliance and adaptive frequency hopping, this tunnel gateway achieves 99.9% read accuracy even for high-density tagged items. Its 20kg load-bearing conveyor operates at 30m/min while maintaining real-time data synchronization with major WMS platforms.

- 10.1-inch capacitive touch screen with 1366 × 768 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
- Product appearance, function, protocols etc support customization

● Specification

Model	CK-TP2B
 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 × 1080, 10.1-inch capacitive touch screen
Communication	RJ45 10/100Mbps
 FUNCTION SELECTION	
RFID Card Reader	Standard
Bar Code	Optional
QR Code	Optional
Fingerprint Recognition	Optional
Face Recognition	Optional

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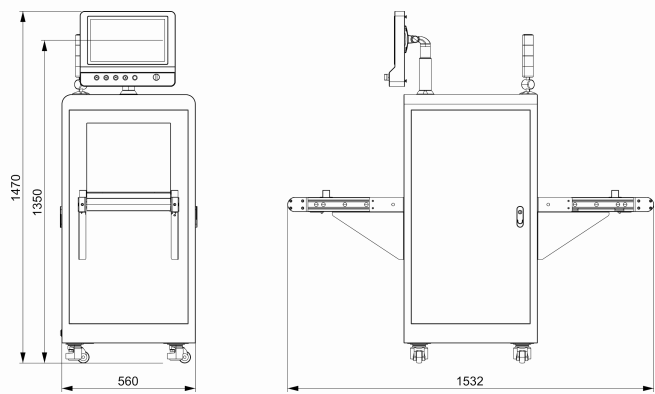
● Related Model

CK-TP1

● Common Solution

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

● Dimension



Unit : mm (inch)
Weight. : about 150kg

● Accessory

serial number	name	units	quantity
1	power supply	pcs	1



RFID IoT Application



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