

CYKEO-TP1

INDUSTRIAL TUNNEL SCANNING GATEWAY



The CYKEO-TP1 Tunnel Scanning Gateway is a high-efficiency UHF RFID solution designed for industrial-scale inventory management. Equipped with ISO18000-6C protocol and dual-door shielding, it enables rapid batch scanning of 500+ items (e.g., smart meters, hotel linens, apparel) with 100 tags/sec accuracy.

- 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, available online / offline EAS alarm
- Support face recognition, space sensor, optional Windows / Android system
- Product appearance, function, protocols etc support customization

● Specification

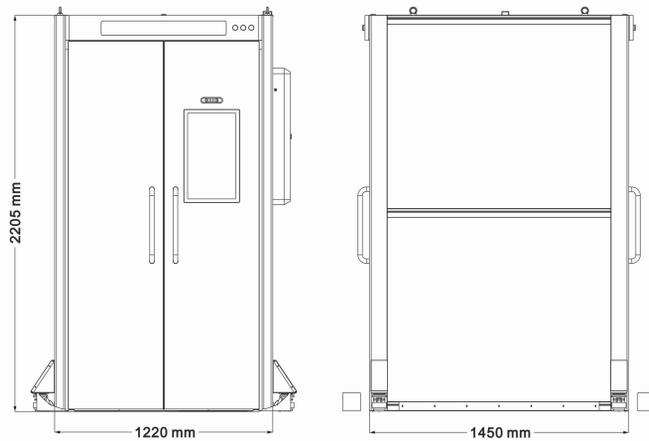
Model	CYKEO-TP1
 RF SPECIFICATION	
Identification Method	UHF
RF Chip	Impinj R2000
Frequency Range	840MHz~960MHz adjustable
Protocol	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Frequency Band (Optional)	ETSI: 865~868MHz, JP: 916.8~920.4MHz, TW: 922.25~927.75MHz, ID: 923.125~925.125MHz, RUS: 866.6~867.4 MHz, 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, 14-inch capacitive touch screen (21-inch optional)
Communication	RJ45 10/100Mbps
 FUNCTION SELECTION	
RFID Card Reader	Standard
Bar Code	Optional
QR Code	Optional
Fingerprint Recognition	Optional
Face Recognition	Optional

- Related Model

- Common Solution

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

- Dimension



Unit : mm (inch)
Weight. : about 200kg

- Accessory

serial number	name	units	quantity
1	power supply	pcs	1



RFID IoT Application



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