

# RFID Smart Inventory Cabinet

## AI-RFID-TUNNEL-V5



### Description

AI-RFID-TUNNEL-V5 smart inventory terminal is a device that uses RFID identification technology to quickly move and inventory a large number of items. It integrates an ultra-high frequency RFID reader and antenna. The terminal is equipped with a mobile cart, which can place items on the cart. In the car, push it to the terminal for inventory, which can quickly and accurately determine the type and quantity of items.

### Features

- Super multi-tag reading and writing performance, no misreading or missed reading, with EPC tag matching and duplicate tag filtering functions;
- Automatic inventory and data collection eliminate manual counting, making it faster and more accurate;
- Configure a mobile cart to facilitate moving items to the inventory terminal.

## Parameters

Main Specifications	
Product Model	AI-RFID-TUNNEL-V5
Performance Parameters	
Operating System	Windows (optional Android)
Industrial Control Configuration	I5, 4GRAM, 128G SSD (RK3399, 4G+16G)
Identification Method	Radio Frequency Identification (UHF RFID)
Frequency Range	840MHz-960MHz
RF Protocol Standards	ISO 18000-6C (EPC C1 G2)
Built-in Antenna Polarization Method	circular polarization
Antenna Power	0-33db adjustable
Read Mode	Supports intensive reads
Physical Parameters	
Overall Machine Size	1806mm(H)*800mm(W)*800mm(D)
Screen	14-inch capacitive touch screen, resolution 1280:800, screen ratio 16:9
Communication Interface	Network Port
Cart	Equipped with 4 universal wheels that can rotate 360 degrees and foot-operated brakes
Shell Material	Metal shell + aluminum profile
Power Supply	
Power Input	AC220V
Rated Power	≤150W