AI HardWare

AI-RF-Kiosk-M1 Smart Inventory Cart

Description

AI-RF-Kiosk-M1 mobile inventory terminal equipment works in the 840MHz ~ 960MHz frequency band, and connects with the warehouse management system through the network port or WiFi protocol to assist staff in completing data acquisition, inventory, rack sorting and search in the warehouse. , a self-service inventory equipment that assists warehouses to improve staff efficiency and reduce labor intensity under limited human resources conditions. It has an elegant appearance, reliable operation performance, simple operation interface, and the system is easy to upgrade. It is a high-performance, easy-to-operate, self-service online self-service inventory equipment. It complies with the ISO18000-6C (EPC C1G2) protocol, is suitable for intensive reading mode, and is equipped with a high-performance industrial control host and touch display.

Features

- Super multi-tag reading and writing performance, with EPC tag matching and duplicate tag filtering functions;
- Equipped with a smart inventory box to facilitate quick and centralized inventory and avoid cross-reading;
- Automatic inventory, data retrieval, search on and off shelves, eliminating manual counting, faster and more accurate;
- Ability to work independently without the Internet;
- The equipment is equipped with its own casters, which can be used for mobile picking, inventory, etc., which enhances work convenience;
- The appearance of the equipment is beautiful and grand, which not only assists the work but also increases the aesthetics.

Parameters

Main Specifications	
Product Number	AI-RF-Kiosk-M1
Performance Parameters	
Operating System	Windows (optional Android)
Industrial Control Configuration	I5，4GRAM, 128G SSD（RK3399, 4G+16G）
Identification Method	Radio Frequency Identification (Ultra High-Frequency RFID)
Physical Parameters	
Overall Machine Size (H*W*D)	1298mm*500mm*760mm
Screen	14-inch capacitive touch screen
Resolution	1920*1080
Screen Ratio	16:9
Communication Interface	Network port
Fixed/Mobile Mode	Casters
UHF RFID	
Frequency Range	840MHz-960MHz
RF Protocol	ISO 18000-6C（EPC C1 G2）
Power Supply	
Power input	AC220V
Rated Power	≤150W
Overall Battery Life	Less than 12 hours (the whole machine is fully loaded)
Whole Machine Charging Time	Less than 4 hours (with battery indicator light)
Charging Voltage	AC220V

1298 mm

890 mm

500 mm

760 mm

380 mm

520 mm