AI-RF-DT-Box1 RFID Reader

Description

AI-RF-DT-Box1 ultra-high frequency intelligent warehousing terminal is mainly used for rapid and large-volume reading and identification management of items when they are put into warehousing or shipped in batches, or when shifts are handed over. The equipment uses ultra-high frequency RFID radio frequency technology to realize identification with RFID tags bound to items, which greatly saves labor costs, shortens the time for entering and exiting the warehouse, and improves work efficiency.

Features

- Light, compact and easy to move;
- Serial port interface can quickly connect to office computers;
- Excellent shielding performance, the signal distance is within 20cm, preventing tag cross reading;
- Using a powerful ultra-high frequency module, it can quickly identify batch identification;

Parameters

The Main Parameters	
Product Number	AI-RF-DT-Box1
Performance Parameters	
Identification Method	Radio Frequency Identification (Ultra High Frequency RFID)
Recognition Speed	50pcs/s
UHF RFID	
Frequency Range	840MHz-960MHz
RF Protocol Standards	ISO18000-6C/EPC C1 G2, ISO18000-6B, GB/T29768 2013 (expandable)
RFID Frequency Pattern	Fixed frequency/frequency hopping
Reader Output Power	33dbm±1dBm
Read Mode	still
Operating Mode	loop/trigger
Shielding Distance	Positive angles and side corners are less than 10cm
Physical Parameters	
Material	1.2mm thick carbon steel plate
Internal Space	175mm（H）*290mm（W）*420mm（D）
External Dimensions	300mm（H）*400mm（W）*476mm（D）
Power Supply	
Operating Voltage	AC 220V, 50Hz
Working Environment Parameters	
Storage Temperature	-20℃ — 60℃
Operating Temperature	-20℃ — 60℃

305.00 mm
300.00 mm
400.00 mm
450.00 mm