

UHF RFID Cabinet Cart

AI-RF-TY03



Description

RFID smart suitcase is one of the RFID tool management system solutions. Based on RFID technology, the suitcase can quickly inventory management tools, which can greatly improve the accuracy and efficiency of tool management and realize the information management of tools in enterprises.

Industry application: Mainly used in aviation, power, fire protection, machinery, railway and other industries, realizing the functions of automatic and fast borrowing, returning, locating, searching, and maintaining tools.

Features

- Fully automatic management: Fully automatic tool entry and exit record management, eliminating the tediousness and possibility of errors in manual scanning and data entry;
- One-keyboard function: Daily and monthly inspections can be completed in 3 seconds;
- Data collection, scientific analysis: Tool parameter data recording, calibration cycle reminder for specific tools;
- Safety guarantee, accountability: When the tool is not returned in time, the trolley case will issue a warning to quickly lock the responsibility of the relevant personnel;
- Lost tool search: When the tool is left on the plane, the lost tool can be further searched through the RFID handheld terminal;
- Convenient and intelligent: It comes with a rechargeable battery, which can work continuously for more than ten hours when fully charged, and can be portable and used for line tool management.

Parameters

The Main Parameters	
Product Number	AI-RF-TY03
Performance Parameters	
Operating System	Windows (Android optional)
Industrial Control Configuration	I5, 8G+ 128G SSD (RK3399, 4G+16G)
Identification Method	Radio Frequency Identification (UHF RFID)
Reading Time	Within 5 seconds
Tool Management	Telescopic chain device + RFID identification
Physical Parameters	
Product Size	746mm(H) * 500mm(W) * 394mm(D)
Material	1.2mm thick carbon steel plate
Screen	10.1 inch capacitive touch screen
Capacity	4 layers
Communication Interface	Network port, WiFi(2.4G)
Fixed/Mobile Mode	Bottom foot cup/Casters
UHF RFID	
Frequency Range	840MHz-960MHz
RF Protocol Standards	ISO 18000-6C (EPC C1 G2) /GB/T29768-2013
Function Configuration	
High Frequency Card Swiping	Standard
Face Recognition	Standard
Fingerprint	Optional
WiFi	Optional
Power Supply	
Operating Voltage	220V / 50Hz
Rated Power	≤150W
Development Support	
Development Support	SDK development package
Development Language	JAVA, C#
Operating Environment	
Operating Temperature	0~60°C



