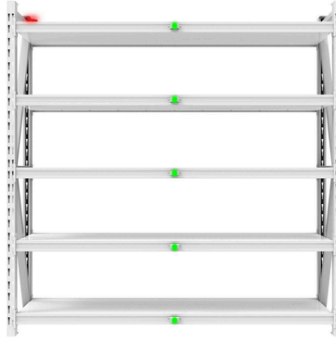


# RFID Smart Shelf AI-RF-SLH1



## Description

RFID smart shelves are an intelligent inventory management solution designed for factories, warehouses, hospitals and other scenarios. With advanced RFID automatic identification technology, this product can automatically monitor and record the dynamics of items on the shelves around the clock, greatly improving inventory management efficiency.

### **Quick inventory and accurate control**

RFID smart shelves can complete the inventory of the entire shelf in just 10 seconds, which is dozens of times faster than manual inventory. The system can accurately obtain the inventory status of each item in real-time, helping you to control the status of items at any time and avoid out-of-stock or backlog problems.

### **Automated management, reduced costs**

RFID smart shelves realize the automation of inventory management, greatly reducing manual operations and time costs. At the same time, accurate inventory control also helps reduce procurement costs and waste.

### **Safe, reliable, and stable in operation.**

This product adopts a sturdy and durable shell design, which can withstand various harsh environments such as water, dust, and impact, and maintain stable operation for a long time. The smart access control function ensures the safety of stored items, and only authorized personnel can enter and exit.

### **Comprehensive integration to create smart management**

RFID smart shelves can be seamlessly connected with industrial IoT devices such as barcode scanners and instrument equipment to build an integrated smart management system. You can master real-time data on the entire process of inventory, usage, procurement, etc. without excessive manual participation, improving management efficiency.

## Parameters

Main Specifications	
Product Model	AI-RF-SLH1
Performance Parameters	
Identification Method	Radio Frequency Identification (UHF RFID)
Reading time	10s
Physical Parameters	
Overall Machine Size	1802mm (H)*900mm (W)*400mm (D)
Material	0.8mm/1.2mm carbon steel plate
Capacity	4 floors (floor height 370mm)
Communication Interface	Network Port
UHF RFID	
Frequency Range	840MHz-960MHz
RF Protocol Standards	ISO 18000-6C (EPC C1 G2)
Power Supply	
Power Input	AC220V, 50Hz
Rated Power	≤150W
Development Support	
Development Support	SDK development kit
Development Language	JAVA, C#
Operating Environment	
Operating Temperature	0~60℃
Working Humidity	10%RH~90%RH

