

# RFID Clothes Distribution Machine AI-RF-IS01



### Description

AI-RF-IS01 smart clothing (shoes) management cabinet integrates the function of the operating staff's card or fingerprint for smart identity recognition and automatically selects clothes (shoes) of appropriate size based on the operating personnel's information and sends them to the clothing port for convenience. Use it. The equipment integrates a 21.5-inch touch operation screen and a good human-machine operation interface to facilitate information confirmation. When the inventory quantity of clothes (shoes) of each size is lower than the set value, the staff will be reminded through remote information to add the category and quantity of clothes in time. The smart dressing room has a positive effect on optimizing the dressing process in the operating room, shortening the preoperative dressing time of medical staff, improving the operating room environment, saving labor costs, and improving service efficiency.

#### Features

UNITS .

- Clean and hygienic, this device automatically distributes clothes to the clothes taking port to avoid secondary contamination caused by manual contact;
- · Convenient and fast automatic matching, automatic hair delivery, and automatic recording;
- Excellent performance, the hair (shoes) speed is within 5 seconds;
- Large capacity can accommodate 108 sets of surgical gowns or 81 pairs of shoes.

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## Parameters

	Main Specifications
Product Model	Al-RF-IS01
Performance Parameters	
Operating System	Windows (optional Android)
Industrial Control Configuration	I5, 4GRAM, 128G SSD (RK3399, 4G+16G)
Identification Method	UHF RFID
Hair Time	≤5S
Physical Parameters	
Overall Size	1840mm(L)*555mm(W)*2000mm(H)
Communication Lnterface	Network port
Material	1.2mm thick carbon steel plate
Screen	21.5 inches, resolution 1920:1080, screen ratio 16:9 widescreen
Internal Structure	9-layer conveyor belt + grid
Capacity	There are 12 sets of surgical gowns on each floor, a total of 108 sets; 9 pairs of shoes on each floor, a total of 81 pairs
Fixed/Mobile Mode	Bottom foot cup/casters
UHF RFID	
Frequency Range	840~960MHz
Air Interface Protocol	EPC C1G2、ISO18000-6B/C、GB/T29768-2013(Optional)
RFID Main Chip	Impinj R2000
Permissions	
High Frequency Card Swiping	Standard
Face Recognition	Optional
Fingerprint	Optional
Power Supply	
Voltage	220V
Rated Power	<300W
Development Support	
Development Support	SDK
Development Language	JAVA, C#
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Operating Environment		
Operating Temperature	0~60°C	
Operating Humidity	10%RH~90%RH	
Expand Optional Functions		
Surveillance Cameras	Optional	
WiFi	Optional	
UPS Power Supply	Optional	
UV Disinfection Lamp	Optional	



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