

# AI-RF-SCN-AI-GY1

## Medical High-Value Consumables Cabinet



### Description

AI-RF-SCN-AI-GY1 UHF RFID medical consumables cabinet is one of our products for pharmaceutical consumables management. It is suitable for all types of operating rooms and interventional rooms. It can conduct real-time and efficient full traceability management of consumables. Through consumables management Process optimization, comprehensively improve the automation and informatization level in consumable usage records, inventory supervision, procurement and supply, etc., to achieve refined, lean, and standardized management of consumables.

Application scenarios: operating rooms, interventional rooms, laboratory departments, hospital consumables central warehouses, smart pharmacies, etc.

### Feature

- Use IoT RFID technology to sense cargo access intelligently.
- Free medical staff to return to clinical practice and reduce work such as inventory, order registration, and write-off.
- Real inventory management, one item per code, realizing full traceability management of materials.
- Using technologically intelligent and fashionable smart consumable cabinets enhances the overall image of the department.
- The reading accuracy of the consumable cabinet is 99.9%, and it can generally hold 250-500 consumables, and the inventory can be taken within 5 seconds.

## Parameters

Primary Specifications	
Product Number	AI-RF-SCN-AI-GY1
Performance Metrics	
Operating System	Windows system (optional Android)
Industrial Control Configuration	I5, 4GRAM, 128G SSD (RK3399, 4G+16G)
Identification Method	Radio Frequency Identification (Ultra High-Frequency RFID)
Physical Characteristics	
Size	1942mm(H)*835mm(W)*613mm(D)
Weight	200kg including wooden box packaging
Cabinet Combination	Shelves/hangers can be freely combined
Communication Interface	Network port
Shell Material	Aluminum profile oxidized door frame + 1.2mm thickened carbon steel plate cabinet
Screen	14-inch capacitive touchscreen
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
Power Supply	
Voltage	AC220V
Total Power	≤300W
Development Support	
Development Support	SDK development kit
Development Language	Java and C#
Operating Environment	
Operating Temperature	0°C~60°C
Storage Temperature	Standard temperature
Surveillance Cameras	Optional
Binocular Camera	Optional
Finger Vein	Optional
High-Frequency Card Swiping	Standard

