

AI-RF-SCN-CS1

Intelligent Weighing Cabinet



Description

AI-RF-SCN-CS1 smart weighing storage cabinet is a must-have smart cabinet for many university laboratories and professional experimental institutions to store hazardous chemicals. It can effectively utilize RFID automatic identification technology and weighing technology to achieve automated and intelligent matching of hazardous chemical reagent information. And automatically saved, the entire process can be completed efficiently without manual assistance. The entire cabinet can also be automatically inspected before closing the door, with an inspection speed of up to 100 items per second, greatly reducing the workload. Such equipment has greatly improved the production efficiency of various institutions and laboratories.

Application

Management of hazardous chemicals in schools and laboratories.

Parameters

Operating System	Windows (optional Android)
Industrial Control Configuration	I5, 8GRAM, 128G SSD (RK3399, 4G+16G)
Identification Method	Radio Frequency Identification (Ultra High-Frequency RFID)
Reading Time	≤5s
Overall Size	1980mm (H) *570mm (W) *954mm (L)
Material	1.2mm thick carbon steel plate
Screen	21-inch resolution 1920:1080 screen ratio 16:9 vertical screen
Capacity	5 levels, 2 weighing pallets per level
Communication Interface	Network port
Fixed/Mobile Mode	Bottom foot cup/casters
Frequency Range	840~960MHz
High Frequency Card Swiping	Standard
Face Recognition	Optional
Fingerprint	Optional
Surveillance Cameras	Optional
WiFi	Optional
Weighing Module	0.1g-5kg or 1g-30kg, optional
Working Humidity	10%RH~90%RH
Operating Temperature	0-60℃