



IntelliBox Smart RFID Cabinet

The IntelliBox offers an automated tracking of high value assets and inventories in a secured cabinet outfitted with RFID technology.

With features such as Auto Count, Auto Lock, Auto Check In/Out and Remote Monitoring, the IntelliBox allows businesses to eliminate manual counting, increase productivity and gain real time visibility of their assets.

SMART AUTOMATED RFID TRACKING

Auto Lock

The IntelliBox allows access only to authorized personnels who are provided with an RFID badge. Once the personnel is done with his check in/out task, the cabinet will auto lock by itself.

Auto Check In/Out

Simply tag each item with an RFID tag or label, and the IntelliBox is able self identify when it is placed into or removed from the cabinet.

Auto Count

Once the IntelliBox is locked, it will perform an auto-count and an automatic inventory of the contents is made. Each check in/out of each asset is traced according to what, who, when and where.

Remote Monitoring

Equipped with a cloud monitoring software, businesses are able to remotely track and monitor the activities and receive real time alerts for any discrepancies.

Applications

- General
 - Industrial Tools
 - Repair Tools
 - Safety Equipments
 - Electronic Devices
 - High Value Assets
- Healthcare
 - Industrial Tools
 - Repair Tools
 - Safety Equipments
 - Electronic Devices
 - High Value Assets

A Product By All ID Asia Pte Ltd

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Specifications

SOFTWARE

Features

- Controls RFID reader and scanning operations
 - > Replenish (new addition into cabinet)
 - > Withdraw (removed from cabinet)
 - > Return (back into cabinet)
- Update to local and server database (via direct network)
- Send report by email (e.g. low stock level)
- Product Master list
- Transaction History Records
- Cabinet list

RFID READER

Environmental

Operating Temp.	-20°C to 70°C (-4°F to 158°F)
Storage Temp.	Power Adaptor -0°C to 40°C (32°F to 104°F)
Humidity Range	-30°C to 75°C (-22°F to 167°F) 5% to 95% RH non-condensing

Power Source

Adapter (not included)	AC input 100-240V, 50-60Hz ; DC output 24V±5% / 2.5A
DC Power Supply	24V to 30V (24V/2.5A recommended)
Power over Ethernet	IEEE802.3at
Power Consumption	5W to 24W

UHF RFID

Supported Protocols	EPC Global Class 1 Gen2, ISO 18000-6C
Frequency	840 to 960 Mhz (Support Global Frequency)
Read Range	Up to 100 tags* (*depends on the material of items and no. of antennas)

Communication Interface

RS-232	Default baud rate 115200kps, 8 data bits, no parity, 1 stop bit, no flow control
RJ45	Default IP 192.168.0.210

Performance Parameter

GPIO	4 Photoelectric Isolation Inputs (5V, <20mA); 4 Relay Control (Relevant to Configurations)
Tag Data Range	40 kbps to 400 kbps
RF Output Power	11dBm to 33dBm (step of 1 dBm)

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