



# Intelligent Archive Management

## RFID IOT APPLICATION

Product Catalogue

Application process



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## About us

Shenzhen Cykeo Information Technology Co., Ltd. focuses on the development and manufacturing of RFID intelligent terminal equipment. Relying on many years of technology research and development and production management personnel in the industry, with their own excellent core technology, continuous scientific research and innovation of better products, has developed and produced nearly 100 kinds of RFID intelligent terminal equipment and products. It involves communication, electricity, retail, rail transit, asset management, medical medicine, books and archives, logistics and supply chain, production control and automation, military and police equipment and many other fields.



With high precision technology, achieve lofty aspirations; Benevolent etiquette wisdom letter, ambition to climb the top of the industry. Study the change of all things, pioneering far; Look for Heiner, and seek wisely. Cykeo Information will always adhere to the concept of "dedicated research and development, careful manufacturing, careful service", adhere to scientific and technological innovation, and constantly improve the service, sincerely look forward to working with you to win!

## Patent certificate



## Certificates / Patents





## Archives warehouse self-service return process

### 1 Door opening recognition

Through the face recognition equipment, after the authentication permission to open the door into the warehouse.

### 2 File selection

Select the file box on the file cabinet according to the job requirements.

### 3 RFID identification

Librarian workstation for file access identification. Face recognition associated recipients. Support many people to enter the warehouse to use, self-service return.

### 4 File review

The RFID ceiling all-in-one machine at the door or RFID intelligent access control is checked for receipt.

### 5 End of receipt

When you go out, if there are files that are not used, the RFID access control will remind the operator in time to use according to the specifications.

### 6 File return

When returning, the librarian workstation can quickly identify the return and put it back on the shelf.

### 7 RFID automatic inventory

Through RFID inventory car can realize the whole inventory, timely calibration and update the current inventory.

- |                                 |    |                        |   |
|---------------------------------|----|------------------------|---|
| RFID tag reader                 | 7  | RFID workstation       | 1 |
| RFID tag converter              | 8  | RFID workstation       | 2 |
| RFID inventory car              | 9  | Ceiling access control | 3 |
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| Smart document transfer cabinet | 12 | HF positioning cabinet | 6 |

The label converter device can work through a simple connection with a PC, and has the characteristics of convenient deployment. It is used for file processing personnel to carry out RFID registration of files, realize the association of file information and label information, and write it into the label storage.



CK-D4L

Feature ▶

- ①

Surface tempered glass, not easy to scratch
- ②

Non-contact, can read multiple books at the same time
- ③

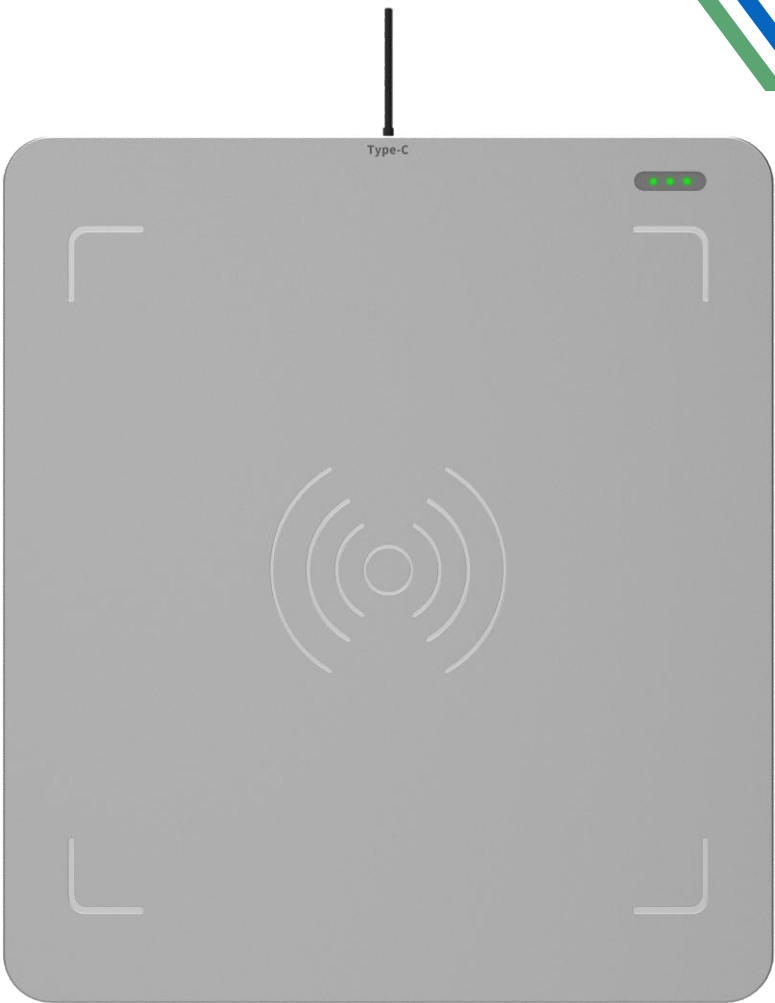
No separate power supply required
- ④

Recognition speed is fast and the misreading range is small
- ⑤

With file label data conversion processing and other functions

Specification ▶

Reading speed	≥40 tag / S	Interface	RS 232
Read distance	0-30cm	Reading speed	≥20 tag / S
Frequency	13.56Mhz/840-960Mhz	Power	12V/3A
Protocol	ISO 18000-6C/ISO18000-3	RF output	0-33 dBm
Size	278mm*370mm*26.8mm		



CK-D3L

Feature ▶

- ①

USB plug and play
- ②

Recognition speed is fast and the misreading range is small
- ③

Non-contact, can read multiple books at the same time
- ④

Equipment is thin and light, and the surface is not easy to scratch
- ⑤

With file label data conversion processing and other functions

Specification ▶

Frequency	840-960MHz	Interface	USB
Read distance	250mm	Reading speed	≥20 tag / S
Protocol	ISO 18000-6C (EPC C1G2)	Power	5V / 3A
Size	278mm*370mm*20mm		



CK-D1L

Feature ▶

- ① USB plug and play
- ② No separate power supply required
- ③ Recognition speed is fast and the misreading range is small
- ④ Small and portable, easy to use in practical work
- ⑤ With file label data conversion processing and other functions

Specification ▶

Inventory	UHF RFID (configurable)	Frequency	840MHz-960MHz(adjustable)
Read distance	30cm (adjustable)	Color	White / Silver
Alarm	Bee sound	Interface	TYPE-C/Cursor output
Power	USB	Size	115m m*128m m*19mm



CK-D2L

Feature ▶

- ① USB plug and play
- ② No separate power supply required
- ③ Recognition speed is fast and the misreading range is small
- ④ Small and portable, easy to use in practical work
- ⑤ With file label data conversion processing and other functions

Specification ▶

Inventory	UHF RFID (configurable)	Frequency	840MHz-960MHz(adjustable)
Read distance	30cm (adjustable)	Color	White / Silver
Alarm	Bee sound	Interface	TYPE-C/Cursor output
Power	USB	Size	240m m*238m m*142mm



The librarian workstation equipment realizes the integrated design of computer host, RFID card, bar code, etc., realizes the data processing and conversion of RFID tags, self-service borrowing and returning operations, and improves the circulation and work efficiency of files.



CK-DP3

Feature ▶

- ① With label conversion processing function
- ② Function of enriching personnel rights is optional
- ③ One machine multi-purpose, can realize the file self-service loan and return operation
- ④ Supports multi-file identification
- ⑤ Hard material, toughened glass surface, not easy to scratch

Specification ▶

Screen	22" touch display	Resolution	1920*1280
System support	Windows/Android	Industrial	Intel Celeron i5 / RK 3399
Protocol	ISO 18000-6C/ISO18000-3	Interface	RJ45,USB*3
Frequency	13.56Mhz/840-960Mhz	Material	Carbon steel plate, sheet metal spraying, tempered glass
Size	530mm*389mm*405mm		



CK-DP2

Feature ▶

- ① With label conversion processing function
- ② Function of enriching personnel rights is optional
- ③ One machine multi-purpose, can realize the file self-service loan and return operation
- ④ Thin thickness, PC host integrated design

Specification ▶

Inventory	UHF RFID	Interface	RJ45
System support	Android/Windows	Screen	22" touch display
Frequency	840MHz~960MHz	Protocol	ISO 18000-6C (EPC C1G2)
Power	AC220V	Size	534mm*402mm*457.8mm

RFID  
Work Desk



CK-DP13

Feature ▶

- ① Integrated label input, file in and out of the library, data statistics and other functions
- ② File data record, one-click file search, real-time photo upload
- ③ Device integrates face or swipe card, which can track users in real time and bind photos

Specification ▶

Inventory	UHF RFID (configurable)	Frequency	840MHz-960MHz(adjustable)
Screen	22" touch display	System support	Windows/Android
Interface	R J45	Power	AC220V
Permission recognition	HF credit card, face recognition, etc	Size	1100m m *500m m *1316mm

Intelligent inventory equipment can realize inventory, data collection, search and so on by scanning the shelf labels and electronic labels attached to the shelf. Scanning speed is fast, accurate and reliable. Reduce the labor intensity of staff and improve the speed of data collection in archives.

RFID  
Inventory Cart



CK-C1

Feature ▶

- ① The sensor area can be added to achieve label conversion, search and other functions
- ② To achieve file on/off shelves, search and other functions
- ③ Device is equipped with casters for easy movement and wireless communication
- ④ With hand-held inventory car antenna, to achieve the inventory function
- ⑤ It comes with battery, which can last more than 6 hours

Specification ▶

Charging time	< 6h	Interface	R J45
System support	Android/Windows	Screen	22" touch display
Frequency	13.56Mhz/840-960Mhz	Protocol	ISO 18000-6C/ISO18000-3
Power	AC220V	Size	1400mm*480mm*640mm



CK-C2

Feature ▶

- ① Support sip2 connection, to achieve book shelves, shelves, search and other functions

③ The sensor area can be added to achieve label conversion, search and other functions
- ② The device is equipped with casters for easy movement and wireless communication

④ It comes with battery, which can last more than 6 hours

Specification ▶

Inventory	UHF RFID (configurable)	Frequency	840MHz-960MHz(adjustable)
Screen	22" touch display	System support	Android/Windows
Interface	RJ45(WiFi, 4G)	Power	AC220V
Size	1327.5m m *900m m *400mm		



CK-C3

Feature ▶

- ① Support sip2 connection, to achieve book shelves, shelves, search and other functions

③ The sensor area can be added to achieve label conversion, search and other functions
- ② The device is equipped with casters for easy movement and wireless communication

④ It comes with battery, which can last more than 6 hours

Specification ▶

Inventory	UHF RFID (configurable)	Frequency	840MHz-960MHz(adjustable)
Screen	22" touch display	System support	Android/Windows
Interface	RJ45(WiFi, 4G)	Power	AC220V
Size	854m m *530m m *1399mm		



Handheld  
RFID Reader



CK-B2G

Feature ▶

- ① Small, portable
- ② Quick inventory
- ③ Strong endurance
- ④ Bar code identification is optional

Specification ▶

Screen	5.5 inch	System support	Android 11 / 13
Frequency	920-925Mhz	Weight	750g
Battery capacity	7.6V 4000mAh (equivalent 8000mAh)	Standby time	>350 hours
Interface	USB 2.0 Type-C, OTG	Size	164.2 mm* 80mm*24.3 mm

Intelligent access control equipment can securely identify the files affixed with RFID tags, have functions such as sound and light alarm, flow of people in and out statistics, security linkage, and can also support multi-channel cascades.

RFID  
Gate Potal



CK-T5

Feature ▶

- ① Support sound light alarm
- ② Supports multi-channel cascading
- ③ File security bit can be customized
- ④ Whole machine is beautiful and atmospheric, no screws exposed
- ⑤ Optional 10.1 inch capacitive touch screen, real-time display alarm information

Specification ▶

Screen	10.1" touch display	Resolution	1366*768
System support	Windows/Android	Protocol	ISO 18000-6C, EPC C1 G2
Read distance	≤1.5 m	Interface	RJ45/RS232 (WiFi)
Frequency	840-960MHz	Size	1459mm*450mm*150mm



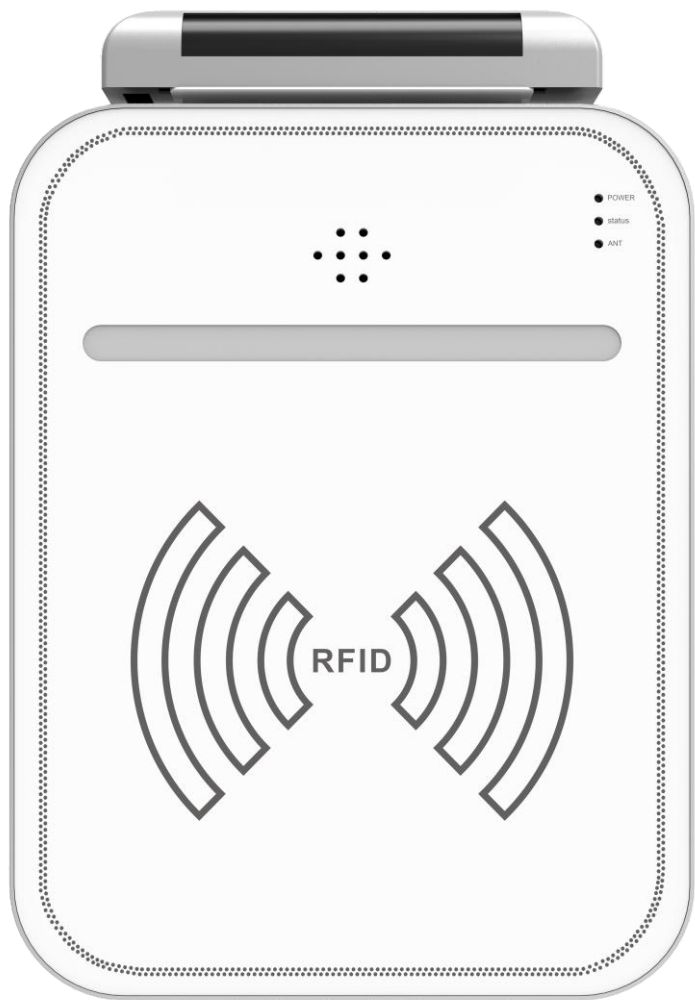
CK-T4

Feature ▶

- ① Support sound light alarm
- ② Optional 10.1 inch capacitive touch screen, real-time display alarm information
- ③ File security bit can be customized
- ④ Supports multi-channel cascading
- ⑤ Made of ABS+PC and aluminum, the material is hard and does not rust

Specification ▶

Read distance	≤1.5 m	Interface	Rj45
System support	Android/Windows	Screen	10.1" touch display
Frequency	840MHz~960MHz	Protocol	ISO 18000-6C (EPC C1G2)
Power	AC220V	Size	540mm*570mm*1620mm



CK-T1

Feature ▶

- ① Ceiling installation, no space, simple structure
- ② Support sound light alarm
- ③ Trigger sensitivity
- ④ It can track and locate the file area

Specification ▶

Read distance	0-10m	Interface	RJ45 (WiFi)
Write distance	0-10m	Alarm	Sound light alarm
Frequency	840MHz~960MHz	Protocol	EPC C1G2 ISO18000-6B
Material	Aluminum profile frame, acrylic panel	Size	437mm*300mm*58mm





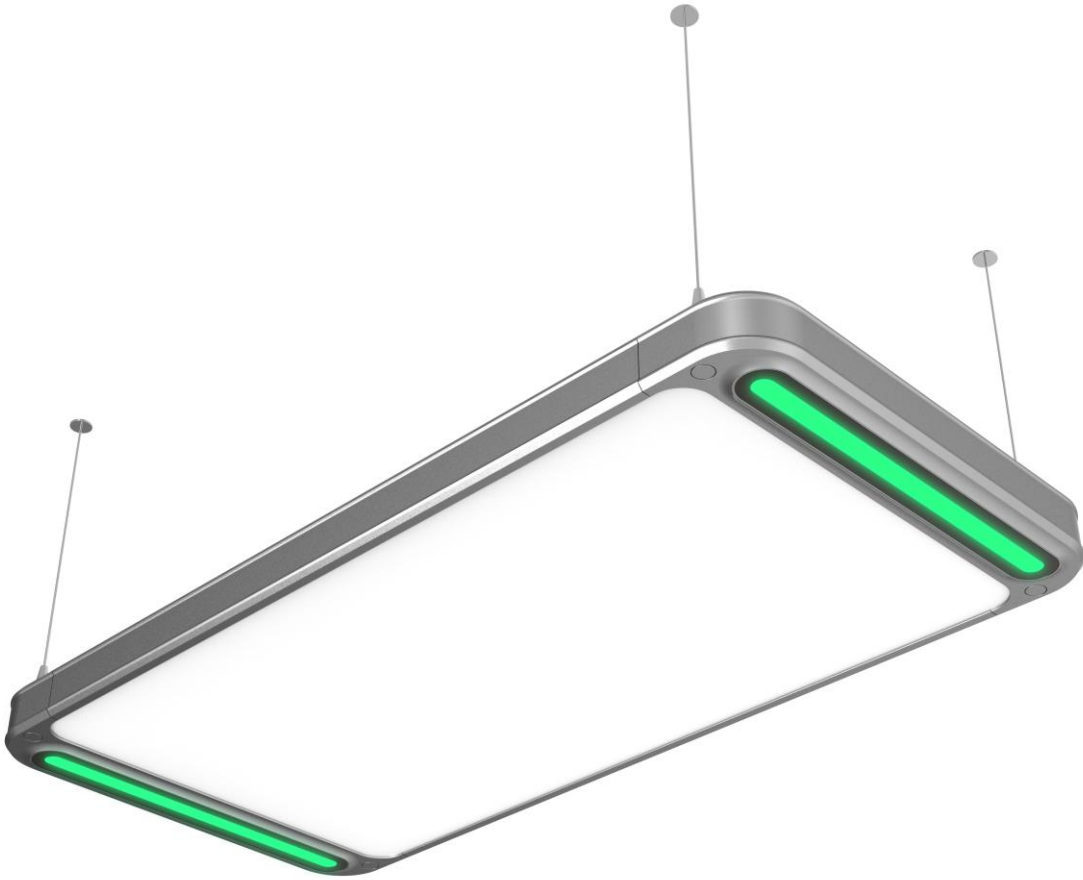
CK-T1A

Feature ▶

- ① Ceiling installation, no space, simple structure
- ② Support sound light alarm
- ③ Trigger sensitivity
- ④ Dual induction antenna for wider sensing range
- ⑤ Support personnel entry and exit direction judgment

Specification ▶

Read distance	0-5m	Interface	RJ45 (WiFi)
Power	DC 5V	Alarm	Sound light alarm
Frequency	840MHz~960MHz	Protocol	EPC C1G2, ISO18000-6B
Material	Aluminum profile frame, acrylic panel	Size	600mm*300mm*58mm



CK-T1B

Feature ▶

- ① Ceiling installation, no space, simple structure
- ② Support sound light alarm
- ③ Trigger sensitivity
- ④ Dual induction antenna for wider sensing range
- ⑤ Support personnel entry and exit direction judgment

Specification ▶

Read distance	0-5m	Interface	RJ45 (WiFi)
Power	DC 5V	Alarm	Sound light alarm
Frequency	840MHz~960MHz	Protocol	EPC C1G2, ISO18000-6B
Material	Aluminum profile frame, acrylic panel	Size	830mm*400mm*51mm

Intelligent file cabinet product is a file cabinet that conforms to the ISO/IEC 18000-6C national standard protocol, and realizes the positioning management, intelligent access, intelligent inventory, online monitoring, information identification and other functions of archives (documents). Make the management of archive files more it is safe, accurate and convenient, and effectively improves the management efficiency and management quality of archives. Intelligent file cabinet can be applied to all kinds of government agencies, institutions, enterprises, etc., as well as all kinds of files, confidential documents transfer management.

RFID  
File Cabinet

RFID  
File Cabinet



CK-G68

Feature ▶

- ① Multiple login modes are available
- ② Large internal storage space, archive bag (box)
- ③ Recognition speed is fast and the accuracy is high
- ④ No cross-read signal outside the grid and cabinet
- ⑤ Cabinet door can be see-through or not see-through optional

Specification ▶

Screen	22" touch display	System support	Windows/Android
Frequency	840-960MHz	Protocol	ISO 18000-6C, EPC C1 G2
Lattice capacity	130-150 file box	Grid quantity	Main: 4 layers 6 grids; secondary: 4 layers 8 grids
Size	2011mm*1300mm*410mm		



CK-G1212F

Feature ▶

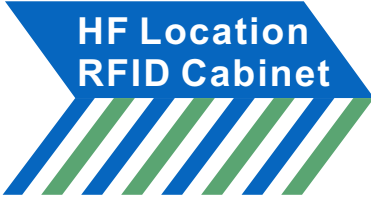
- ① Recognition speed is fast and the accuracy is high
- ② No cross-read signal outside the grid and cabinet
- ③ Multiple login modes are available
- ④ The door can not be seen through
- ⑤ It has the functions of short time transfer storage, file inventory, search and so on

Specification ▶

Screen	14" touch display	System support	Windows/Android
Frequency	840-960MHz	Protocol	ISO 18000-6C, EPC C1 G2
Lattice capacity	130-150 file box	Grid quantity	6 layer, 12 grids
Size	1900mm*1200mm*450mm		



RFID smart box positioning cabinet is to attach RFID tags to each box of files, and realize file inventory and file positioning through the built-in reader of the file cabinet. And equipped with light guidance, easy to find the file. Optional 3cm, 5cm distance box positioning cabinets, and support 60-120Box cabinet is optional



CK-G60H

Feature ▶

- ① Compatible with two 14443A and 15693 protocols
- ② With light guide, easy to find
- ③ Cabinet doors with visual tempered glass
- ④ Supports multiple personnel rights operations
- ⑤ Support storage: cadre personnel files, public inspection law files, boxed user files, etc

Specification ▶

Screen	14" touch display	System support	Windows/Android
Frequency	13.56MHz	Protocol	ISO14443A/15693
Volume	60 box / cabinet	Structure	5 layers
Box weith	4.5-5 cm	Size	2030mm*885mm*450mm



CK-G80H

Feature ▶

- ① Compatible with two 14443A and 15693 protocols
- ② With light guide, easy to find
- ③ Cabinet doors with visual tempered glass
- ④ Supports multiple personnel rights operations
- ⑤ Support storage: cadre personnel files, public inspection law files, boxed user files, etc

Specification ▶

Screen	14" touch display	System support	Windows/Android
Frequency	13.56MHz	Protocol	ISO14443A/15693
Volume	80 box / cabinet	Structure	5 layers
Box weith	4.5-5 cm	Size	2030mm*1100mm*450mm



CK-G90H

Feature ▶

- ① Compatible with two 14443A and 15693 protocols
- ② With light guide, easy to find
- ③ Cabinet doors with visual tempered glass
- ④ Supports multiple personnel rights operations
- ⑤ Support storage: cadre personnel files, public inspection law files, boxed user files, etc

Specification ▶

Screen	14" touch display	System support	Windows/Android
Frequency	13.56MHz	Protocol	ISO14443A/15693
Volume	90 box / cabinet	Structure	5 layer
Box weith	3cm	Size	2030mm*885mm*450mm



CK-G120H

Feature ▶

- ① Compatible with two 14443A and 15693 protocols
- ② With light guide, easy to find
- ③ Cabinet doors with visual tempered glass
- ④ Supports multiple personnel rights operations
- ⑤ Support storage: cadre personnel files, public inspection law files, boxed user files, etc

Specification ▶

Screen	14" touch display	System support	Windows/Android
Frequency	13.56MHz	Protocol	ISO14443A/15693
Volume	120 box / cabinet	Structure	5 layer
Box weith	3cm	Size	2030mm*1100mm*450mm





RFID Technology  
Terminal Protures  
R & D Manufacturer

### Headquarters

#### Cykeo Information Technology CO., LTD.

16th floor, Building B2, Yunzhi Science Park, Guangming District,  
Shenzhen 518107, China

### Branch

Hefei Jianshen Information Technology Co., LTD.  
Cykeo Information Technology(Shandong) Co., LTD.  
Cykeo Information Technology(Chengdu) Co., LTD.  
Cykeo Core Information Technology (Shanghai) Co., LTD.

### Factory

Shenzhen, Dongguang, Hefei



+86 755 88658126



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