



UHF Solution for RFID library management

For library management, can use UHF technical, it not only can check inventory, also can make books anti-theft management.

The whole management system include 6 steps as below:

- Step1: Use UHF USB writer to program book data to tags, and also make authorization for the tags to the library management system.
- Step2: Stick those tags on books, and put books on shelf.
- Step3: For inventory checking, can use UHF android handheld reader to scan.
- Step4: Put one UHF desktop reader on the "check in service table", when somebody need borrow books from library, take books there to remove tag EAS.
- Step5: Install uhf gate reader at the library gate, if somebody take away the books and forgot to remove tag EAS, when pass gate will alarm, if removed tag EAS, then can pass the gate without any response.
- Step6: When somebody return the books, also take to the "check in service table", use the reader to active tag EAS, then library staff will put the books back to relative shelf.



Follow are specific products list:



UHF USB desktop reader/writer

Frequency: 865~868MHz (EU)
902~928MHz (US)
Protocol: ISO18000-6B/6C (EPC GEN2)
Work mode: read only or read/write
Read distance: 1~20cm
Size: 104*68*10mm
Interface: USB



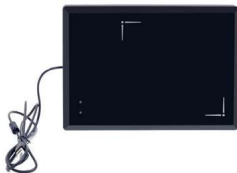
UHF library tag

Frequency: 860~960MHz
Protocol: ISO18000-6C
Chip type: Impinj R6/NXP U8
Material: PET
Size: 7*124mm



RFID Android handheld reader

Operating system: Android 7.0
Memory: RAM 2Gb/ROM 16Gb
Screen: 5.0 IPS, 720*1280
Battery: 8100mAh
Size: 170*85*23±2mm
RFID: UHF
Support: WIFI, Bluetooth/4G (or GPRS), GPS, Camera



UHF desktop reader/writer

Frequency: 865~868MHz (EU)
902~928MHz (US)
Protocol: ISO18000-6B/6C (EPC GEN2)
Work mode: read & write
Read distance: 0~3m
Size: 330*240*18mm
Interface: RS232/WG26/RS485 or USB



CF-RU5113 UHF High Performance Gate

Frequency: UHF
Protocol: ISO18000-6C
Read range: 1.2meter
Interface: RS23/TCP/IP
With anti-collision and EAS function



SCENE APPLICATION



RFID Unmanned Supermarket Management

This application block features a central image of a supermarket aisle with produce. To the left, there are four small icons: a yellow RFID tag, a black square, a roll of white tape, and a light blue square.



RFID Vehicle Tracking Management

This application block features a central image of a car at a toll booth. To the right, there are four small icons: two white rectangular devices, a black square with a white logo, and a roll of white tape.



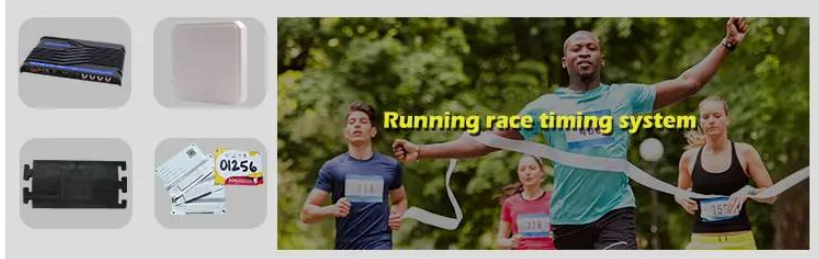
Trash Can management system

This application block features a central image of a yellow autonomous refuse truck. To the left, there are four small icons: a white rectangular device, a white square, a white rectangular device, and a green rectangular device.



RFID books management

This application block features a central image of a library. To the right, there are four small icons: a black square, a smartphone with an antenna, a white rectangular device, and a white cylindrical device.



Running race timing system

This application block features a central image of runners at a race. To the left, there are four small icons: a blue and black tag, a white square, a black rectangular device, and a white tag with the number 01256.



RFID laundry management

This application block features a central image of a laundry worker. To the right, there are four small icons: a black rectangular device, a white square, a smartphone with an antenna, and a white fan-shaped device.



RFID Warehouse Inventory Management

This application block features a central image of a warehouse with a forklift. To the left, there are four small icons: a black keyboard, a monitor displaying a grid, a white square, and a roll of white tape.

Q : 2. 如何付款?

A : T / T, Paypal, 电汇.

运费自理, 快递费用自理 (DHL, FedEx, TNT UPS 等) 运费自理.

Q : 3. 如何包装? 是否提供定制包装?

A : 提供定制包装, 如需要, 请提供详细要求.

Q : 4. 交货周期?

A : 交货周期视数量而定. 5000pcs 约 3-7 天, 100,000pcs 约 7-15 天.

Q : 5. 是否提供 OEM 服务?

A : 是的, 我们提供 OEM 服务. OEM 服务包括定制设计、生产、包装等.

Q : 6. 是否提供 RFID 服务?

是的, 我们提供 RFID 服务. 支持 RFID 芯片 / NFC 芯片 / RFID 芯片 / RFID 芯片, RFID 芯片的定制生产.