



RFID 4UHF RFID Impinj R2000

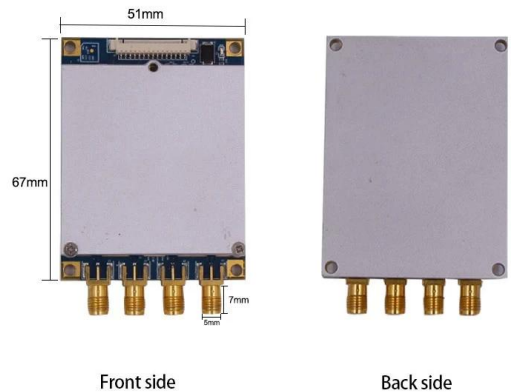


Product technical parameter

Model number	
Frequency	860~868MHz(EU),920~928MHz(US)
Protocol	ISO 18000-6C/EPC C1G2
Antenna port	Four
RF power	19.5~30dBm(adjustable)
Read distance	1~15M (depends on antenna and tag)
Interface	TTL-RS232
Connector for antenna	SMA
Standby current	Standby current <10mA
Working current	5V power supply, maximum emission 30dBm, working peak current about 780mA
Size	67 × 51 × 10mm
Baud rate	115200bps
Operating Voltage	+3.6V ~ +5.5V
Operating temperature	-25℃ ~ +80℃
Storage temperature	-35℃ ~ +85℃

Detailed image

01 Module dimension

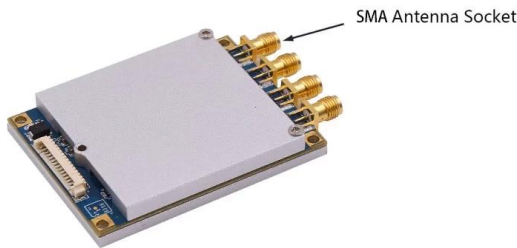


02 Socket Definition



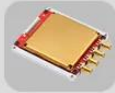
Pin NO	Name	Function Description
1	VDD	Power supply, power supply range: 3.6 ~ 5.5V
2	VDD	pin1
3	GND	Ground
4	GND	pin3
5	IO1	GPIO 1
6	IO2	GPIO 2
7	IO3	GPIO 3
8	RSTB	Module reset, active low
9	RXD	UART receiving, 3.3V TTL level
10	TXD	UART transmission, 3.3V TTL level
11	IO4	GPIO 4
12	EN	Enable signal, active high

03 Antenna connector:SMA





SCENE APPLICATION



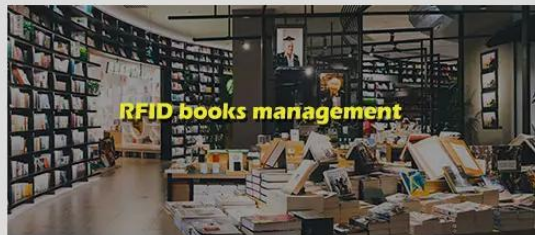
RFID Unmanned Supermarket Management



RFID Vehicle Tracking Management



Trash Can management system



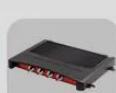
RFID books management



Running race timing system



RFID laundry management



RFID Warehouse Inventory Management

☐ACM812A☐☐ACM802A☐ACM818A☐ACM801A
☐ACM801A





ACM812A

2-5m UHF
26 RS232 / 485

ACM818A

10-20m UHF
26 RS232 / 485

ACM802A

8-10m
26 RS232 / 485





ACM801A
 10-15m UHF
 26 RS232 / 485
 ACM 8017
 UHF
 + WIFI + GRPS
 ACM 918K
 UHF 4

- 1
- 2
- 3 OEM / ODM

4 提供fashin desing

5 提供

1提供

2提供

3提供 2-3

6 提供 15

7提供

提供

1.提供

提供

2提供

T / T Paypal Western Union

提供 DHL FedEx TNT UPS

3.提供

提供

4提供

提供 35,000 3-7 100,000 7-15

5提供

提供 OEM

6提供

提供 20 RFID / NFC / RFID / RFID RFID