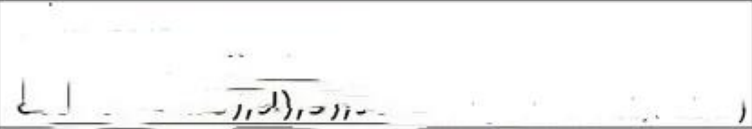


Products Description

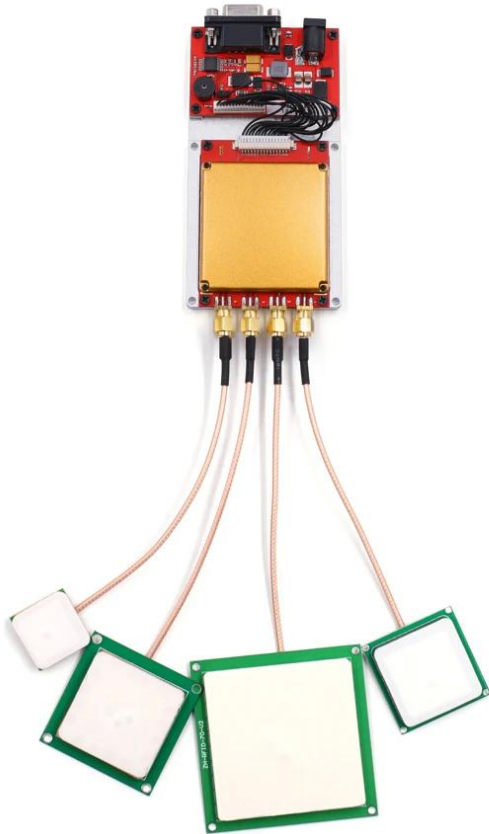
Product technical parameter

	
Frequency	865~868MHz (EU),902~928MHz(US)
Protocol	ISO18000-6C (EPC GEN2)
RF power	30dbm (adjustable)
Current Dissipation	1500mA
Inventory speed	200pcs/s
Work mode	answer mode/real-time inventory mode
Read distance	0~15m(depends on antenna and tag)
Power supply	+3.7~5VDC (low power dissipation)
Interface	RS232 (3.3V TTL level)
Antenna ports qty	With four antenna ports
Connector for antenna	SMA
GPIO	2 input and 2 outputs
Firmware upgrading	Support
Operation temperature	-20~+55℃
Storage temperature	-20~+85℃
Size	76*65*11mm
Weight	44g

01 Module connect with interface board through wire cable



02 Module connect with antenna through SMA connector

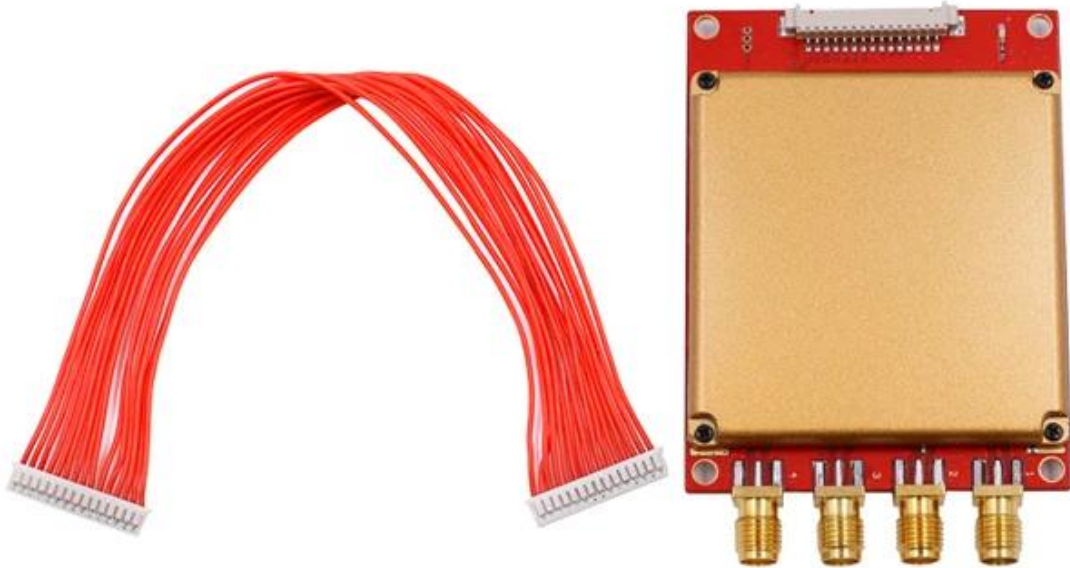


03 Interface board connect with power supply, use RS232 serial port connect with computer for communication.

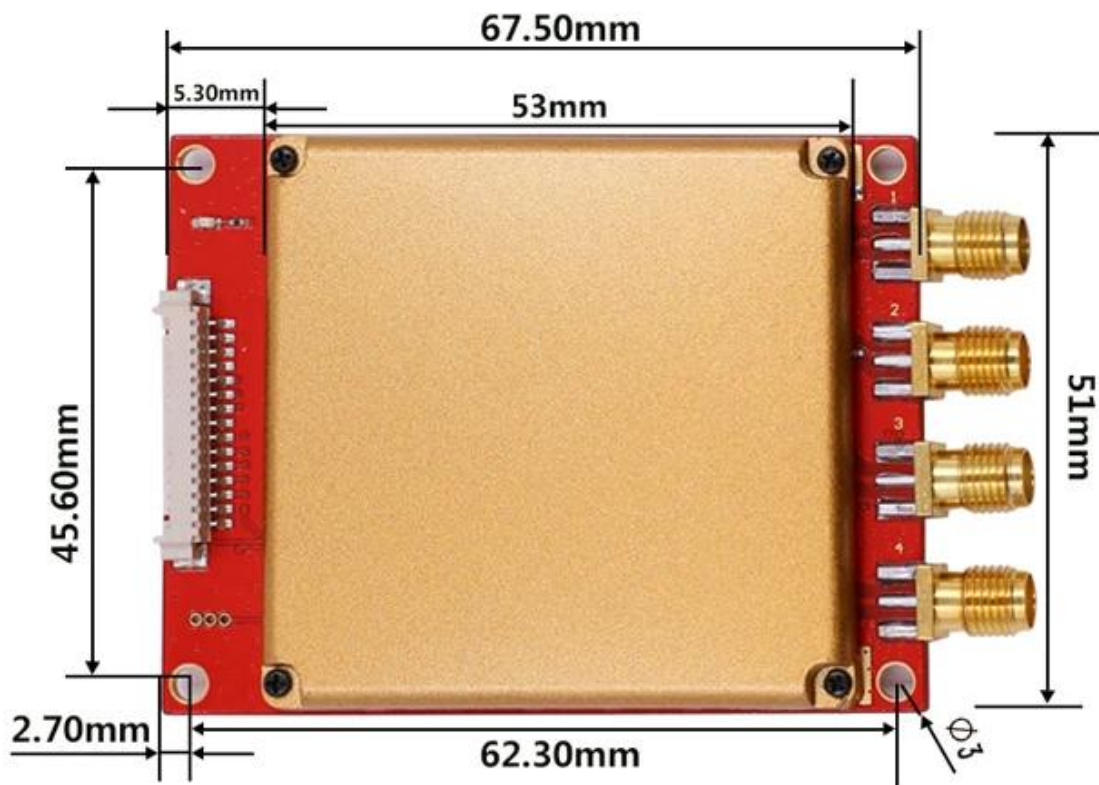


Detailed image

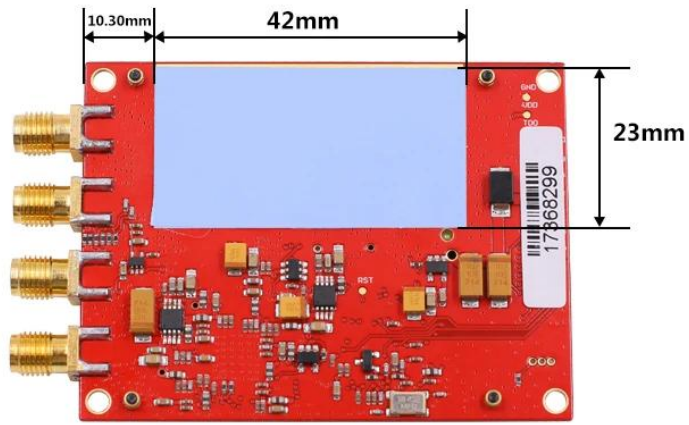
01 Spare parts: 1pc module, 1pc wire cable



02 Module dimension



Front side



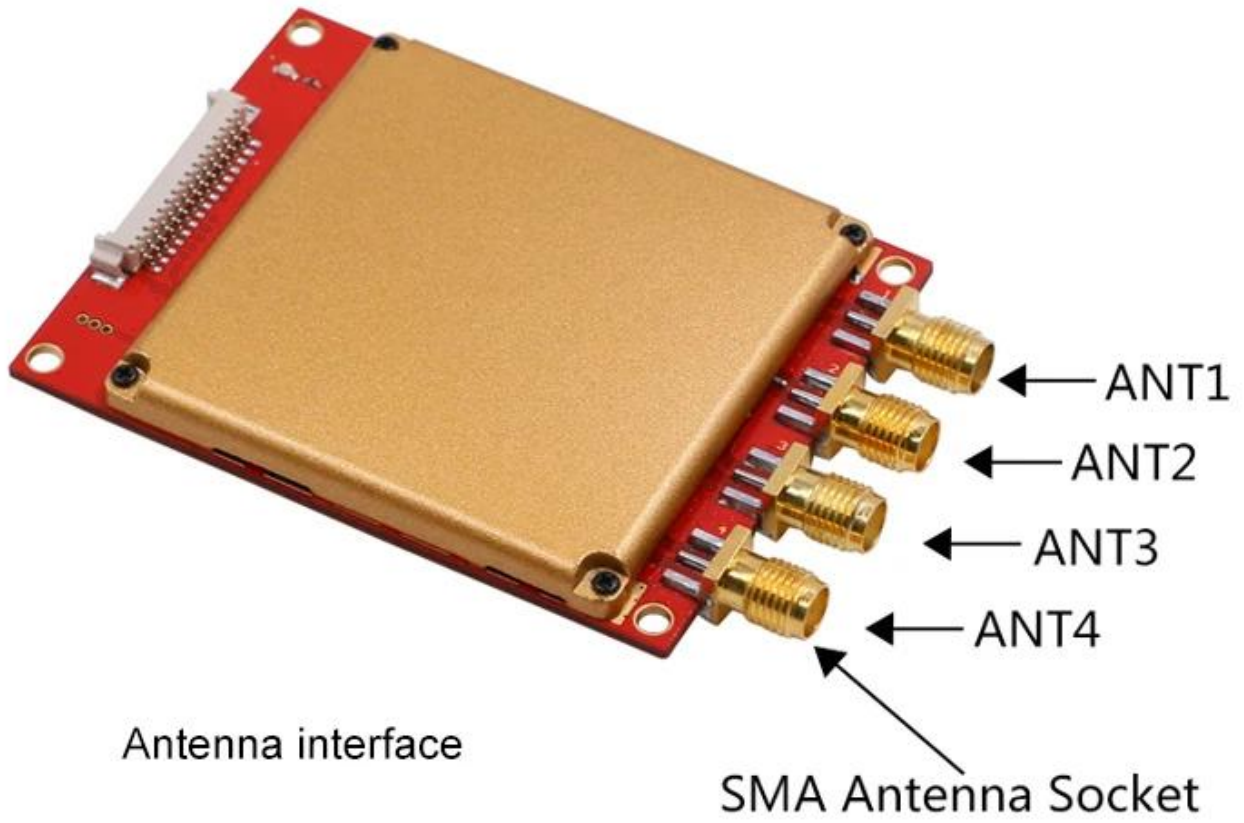
Back side



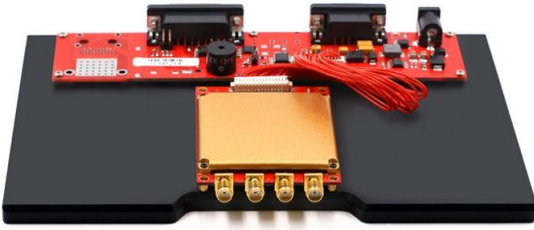
PIN1

Host interface

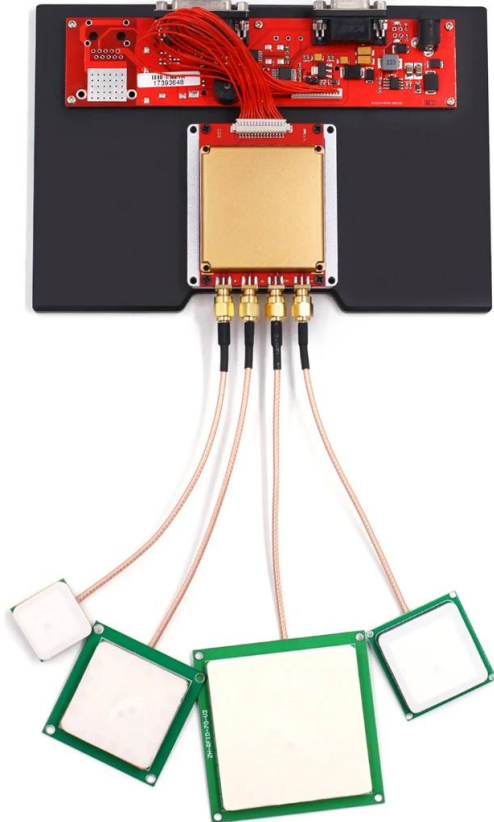
No.	Symbol	Comment
1	GND	Ground
2	GND	
3	VCC	Power Supply
4	VCC	
5	GPO1	General output (3.3V TTL level)
6	GPO1	
7	GPI1	General input (3.3V TTL level)
8	BUZZER	Buzzer driver output, high level effective. Current sourcing over 50mA
9	RXD	Serial data input
10	TXD	Serial data output
11	USB-DM	For test only
12	USB-DP	
13	GPI2	General input (3.3V TTL level)
14	EN	Enable. High level effective with internal 10kOhm resistor pulled up to VCC
15	RS485_CTRL	RS-485 direction control



01 Module connect with interface board through wire cable



02 Module connect with antenna through SMA connector



03 Interface board connect with power supply, use RS232 serial port connect with computer for communication, our interface board also with GPIO connector for option.



Application

SCENE APPLICATION



RFID Unmanned Supermarket Management

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



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 inset images: two white rectangular tags, a black square tag 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 inset images: a white rectangular tag, a white square tag, a white rectangular tag, and a green and black strip.




RFID books management

This application block features a central image of a library. To the right, there are four small inset images: a black square tag, a smartphone with an RFID reader, a white rectangular tag, and a white cylindrical tag.




Running race timing system

This application block features a central image of runners at a race. To the left, there are four small inset images: a black rectangular tag, a white square tag, a black rectangular tag, and a white race bib 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 inset images: a black rectangular tag, a white square tag, a smartphone with an RFID reader, and a white fan-shaped tag.



RFID Warehouse Inventory Management

This application block features a central image of a warehouse with a forklift. To the left, there are four small inset images: a black rectangular tag, a computer monitor displaying a dashboard, a white square tag, and a roll of white tape.

Your May Need

We are Professional uhf reader manufacturer , Except the ACM812A , we also can supply ACM802A , ACM818A , ACM801A . The main difference of them are the reading distance . Also , ACM801A can be used to read multi-tag(200 pcs at one time) . For more detail , please click following picture .





ACM812A
2-5m reading range UHF reader
Wiegand 26 output, RS232/485

ACM818A
10-20m long range UHF reader
Wiegand 26 output, RS232/485

ACM802A
8-10m reading range UHF reader
Wiegand 26 output, RS232/485





ACM801A
10-15m UHF reader
Wiegand 26 output, RS232/485

ACM 8017
UHF Handheld Reader
UHF+WIFI+GRPS

ACM 918K
UHF 4-Antenna Channel High
Performance Fixed Reader

- 1, Any inquiries will be replied within 24 hours
- 2, Professional manufacturer and supplier, Welcome to visit our website and our factory
- 3, OEM/ODM Available
- 4, High quality, fashion design, reasonable & competitive price, fast lead time
- 5, After-sale Service :
 - 1), All products will have been strictly quality checked in house before packing
 - 2), All products will be well packed before shipping
 - 3), All our products have 2-3 year warranty if the damage is not caused by human
- 6, Faster delivery : Around 1~ 5 days for sample order, 7~30 days for bulk order
- 7, Payment : You can pay for the order via : T/T, Western Union, Paypal

FAQ

Q: 1. How can I place an order?

A: Please list your requirements to us via Email. Then we will send the offer to you at the earliest time, after order confirmation, we will arrange production ASAP.

Q: 2. What about the payment and shipment?

A: T/T, Paypal, Western Union.

Clients can choose by sea, air or express (DHL, FedEx, TNT, UPS etc.)

Q: 3. How can I get a sample to check your quality?

A: We could provide free samples to you, and the freight cost is paid by you.

Q: 4. How long can I expect to get the samples?

A: It depends on the quantity. Normally 3-7 days for 5000 pcs and 7-15 days for 100,000 pcs

Q: 5. Can your products be customized?

A: Almost all of our products are customized, including the material, size, thickness and printing. OEM orders are highly welcome.

Q: 6. Are you a trading company or factory?

We are one of the biggest manufacturers of RFID cards/NFC tags/RFID keyboards/RFID wristbands/RFID readers and access control products in China for more than 20 years