

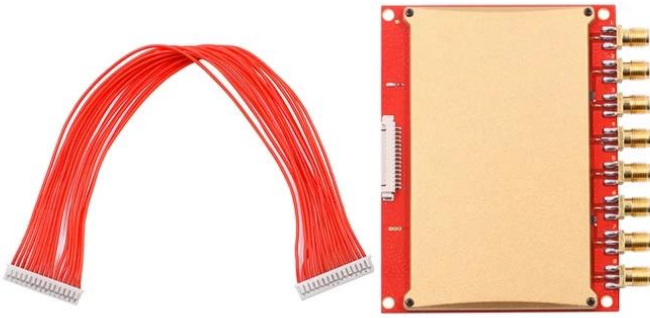
8 Antenna Port Module

Product technical parameter

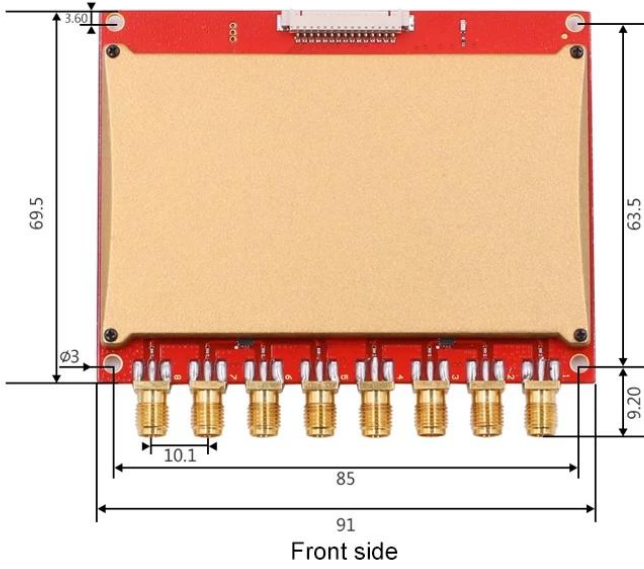
| | |
|-----------------------|--------------------------------------|
| Model number | ACM - MU89M |
| Frequency | 865~868MHz (EU),902~928MHz(US) |
| Protocol | ISO18000-6C (EPC GEN2) |
| RF power | 33dbm (adjustable) |
| Current Dissipation | 1500mA |
| Inventory speed | 200pcs/s |
| Work mode | answer 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 eight antenna ports |
| Connector for antenna | SMA |
| GPIO | 2 input and 2 outputs |
| Firmware upgrading | Support |
| Operation temperature | -20~+55℃ |
| Storage temperature | -20~+85℃ |
| Size | 78.7*91*8.2mm |
| Weight | 77g |

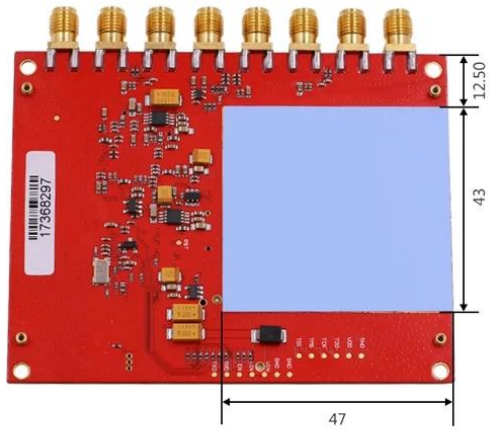
Detailed image

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

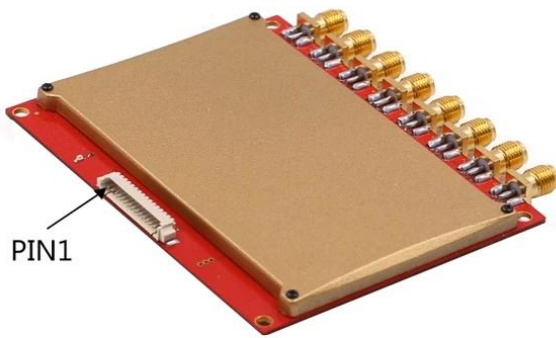


02 Module dimension



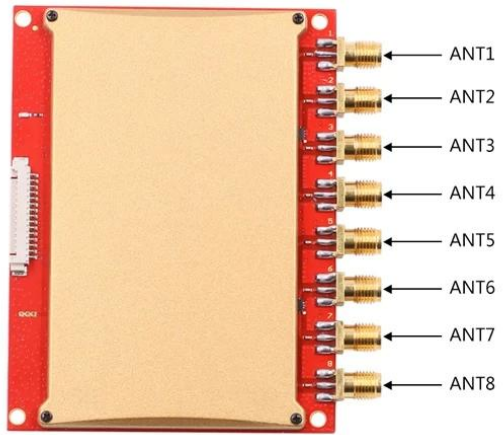


Back side



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 | GPO2 | |
| 7 | GPI1 | General input (3.3V TTL level) |
| 8 | BUZZER | Buzzer driver output, high level effective. Current sourcing over |
| 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 |



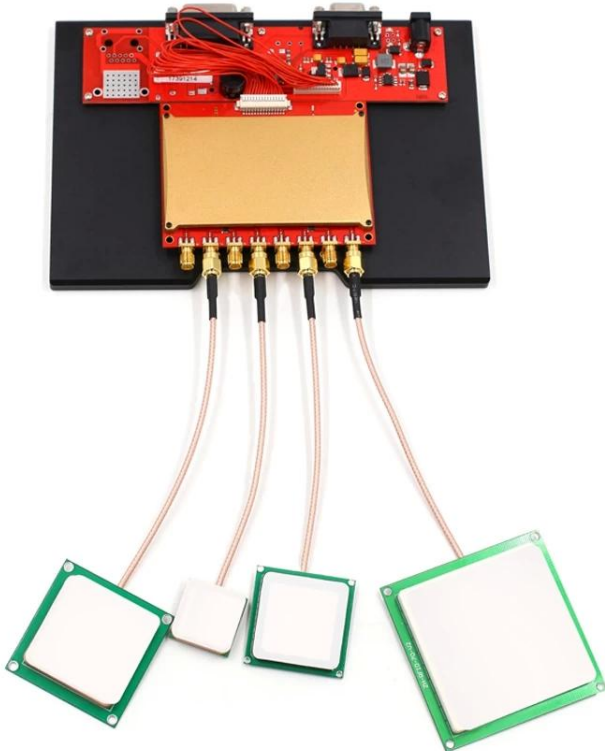
Antenna interface

User manual

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.



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