

UHF High performance module with one antenna port



Product technical parameter

Model	MU912(with heat sink) MU912S(interface board with RS232)
Frequency	902~928MHz(US) 865~868MHz(EU)
Protocol	ISO18000-6C (EPC GEN2)
RF power	33dBm(adjustable)
Inventory speed	300pcs/s
Work mode	answer mode/real-time inventory mode
Read distance	0~15m(depends on antenna and tag)
Power supply	3.6~5.5V
Interface	RS232(3.3V TTL level)
Antenna ports qty	With one antenna ports
Connector for antenna	MMCX
GPIO	3.3V 1 input and 1 output
Firmware upgrading	Support
Operation temperature	-40~+65℃
Storage temperature	-45~+85℃
Size	57.30mmx36.8mmx7.2mm
Weight	22.2g

Detailed image



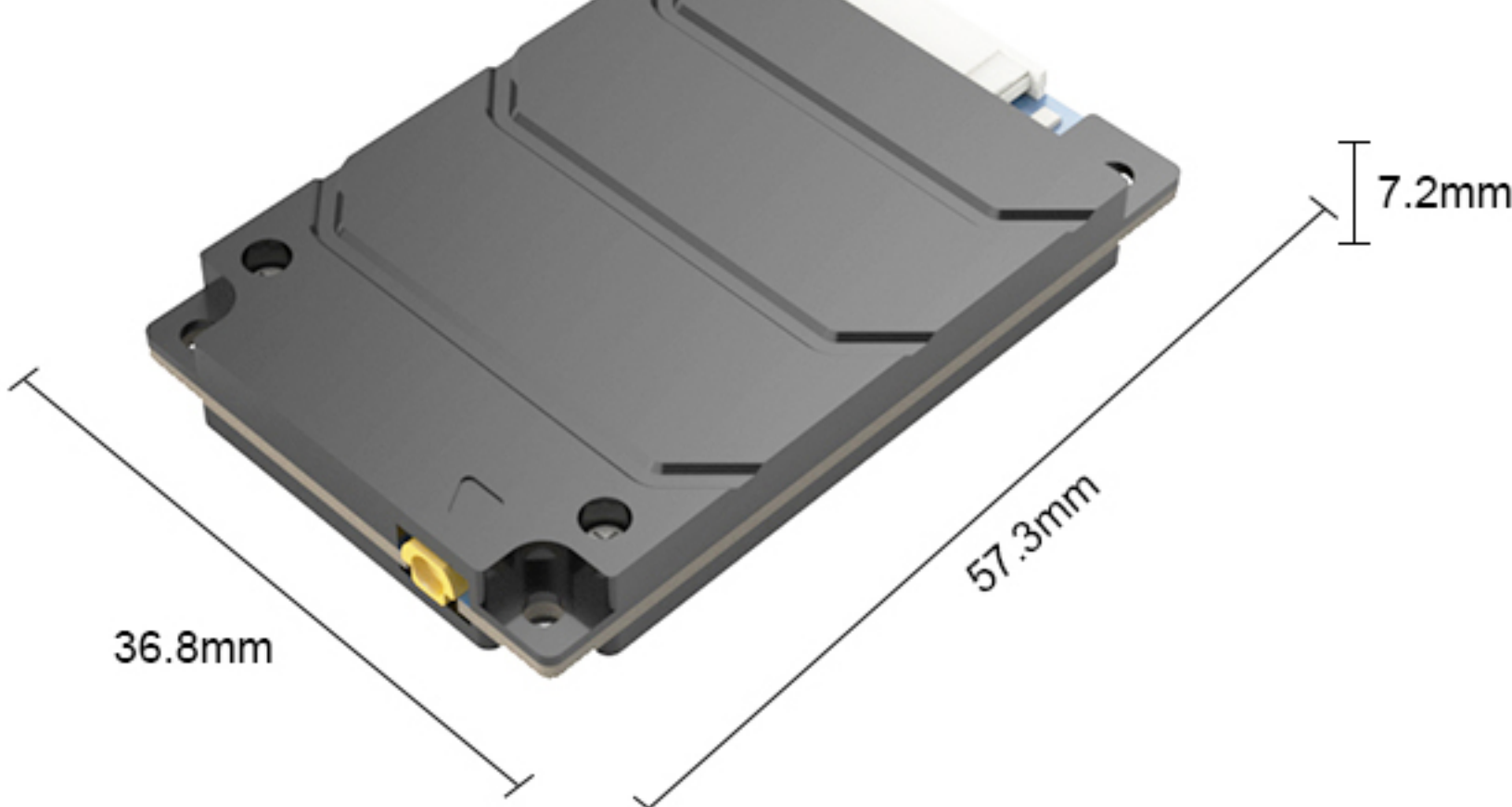
MU912(with heat sink)



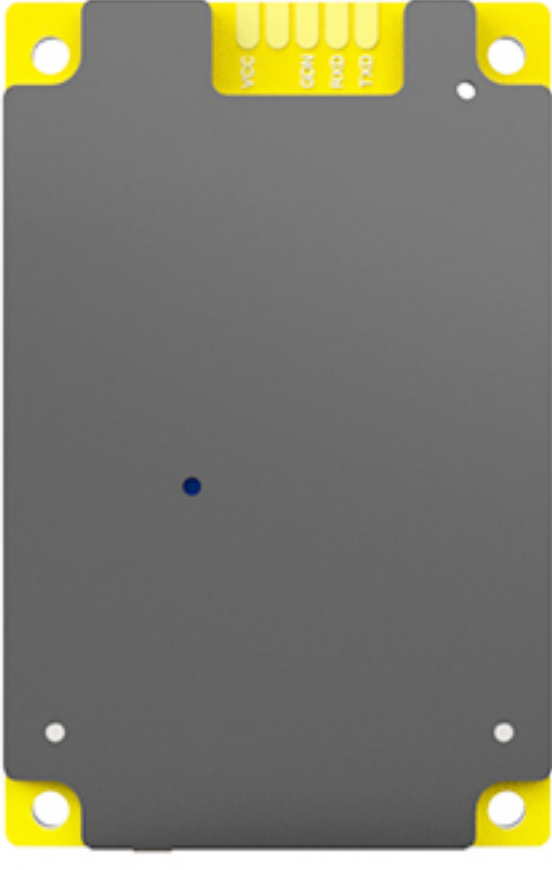
MU912S(interface board with RS232)

01 Module dimension:

- Size: 57mmx36.8mmx7.3mm
- Weight: 22.2g

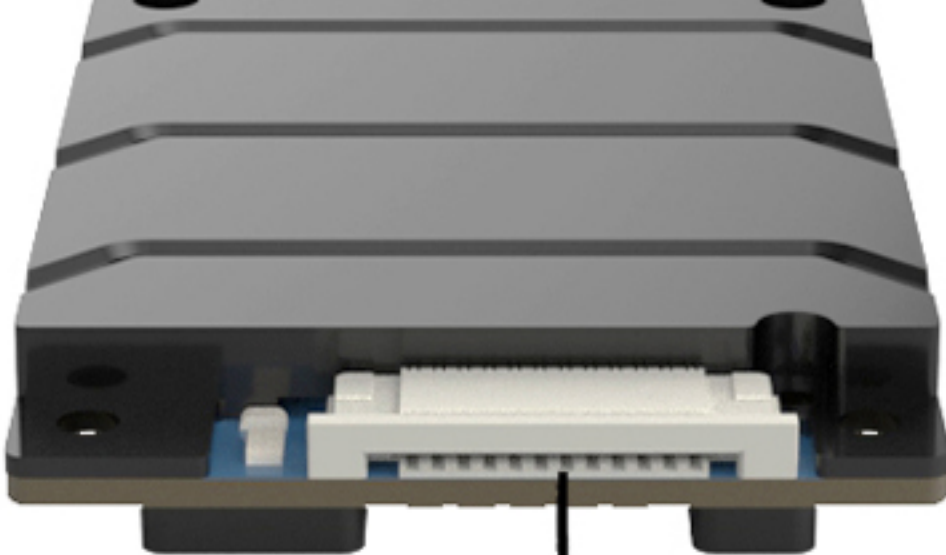


Front side



Back side

02 Host Interface



PIN1

NO.	Symbol	Symbol
1	VCC	Power Supply
2	VCC	
3	GND	Ground
4	GND	
5	EN	Enable. High level effective with internal 10kOhm resistor pulled up to VCC
6	Reserved	Reserved
7	Reserved	
8	Reserved	
9	RXD	Serial data input
10	TXD	Serial data output
11	Reserved	Reserved
12	Reserved	

03 Antenna Interface



MMCX Antenna Socket