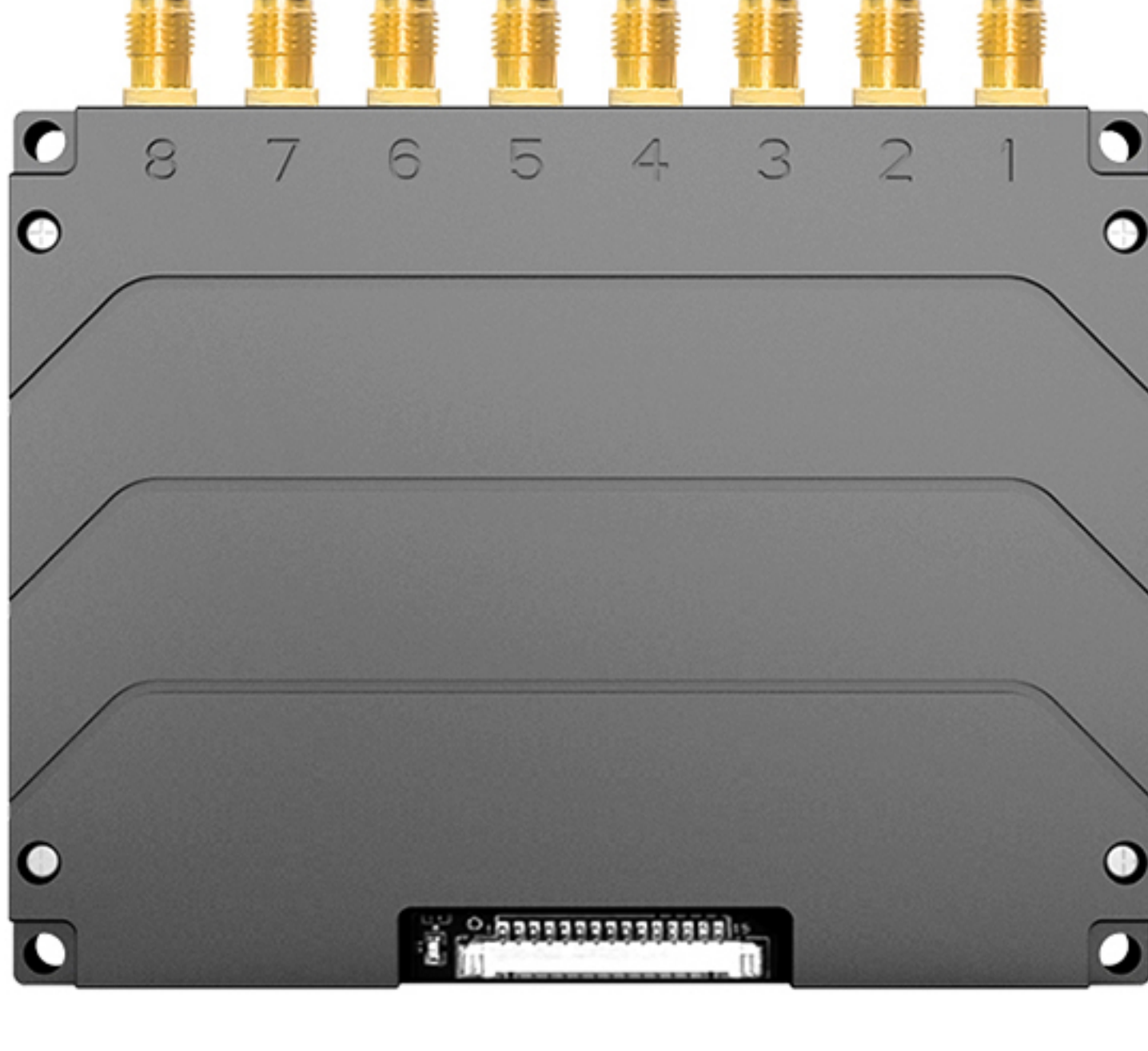


UHF High performance reader writer module



Product technical parameter

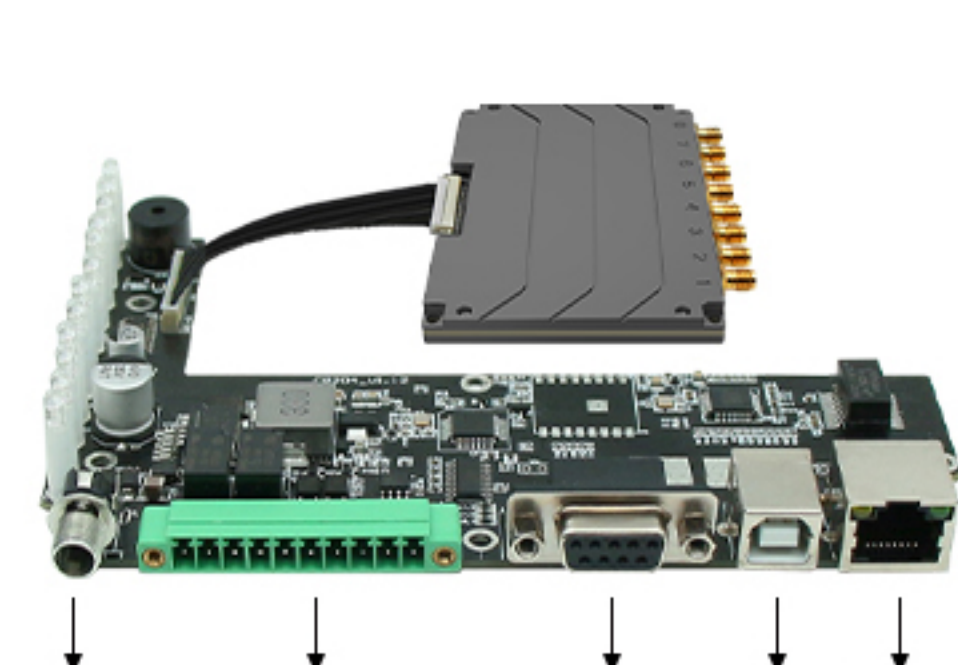
Model	MU918 MU918S(RS232 interface board) MU918RT(RS232/GPIO/USB/TCP/IP interface board)
Frequency	902~928MHz(US) 865~868MHz(EU)
Protocol	ISO18000-6C (EPC GEN2)
RF power	33dBm(adjustable)
Inventory speed	300pcs/s
Work mode	answer mode/active mode
Read distance	0~15m(depends on antenna and tag)
Power supply	3.6~5.5V
Interface	RS232(3.3V TTL level)
Antenna ports qty	With eight antenna ports
Connector for antenna	SMA
GPIO	3.3V 1 input and 1 output
Firmware upgrading	Support
Operation temperature	-40~+65℃
Storage temperature	-45~+85℃
Size	91mmx69.5mmx7.75mm
Weight	128g

Detailed image

01 Interface board:



MU918S
(RS232 interface board)



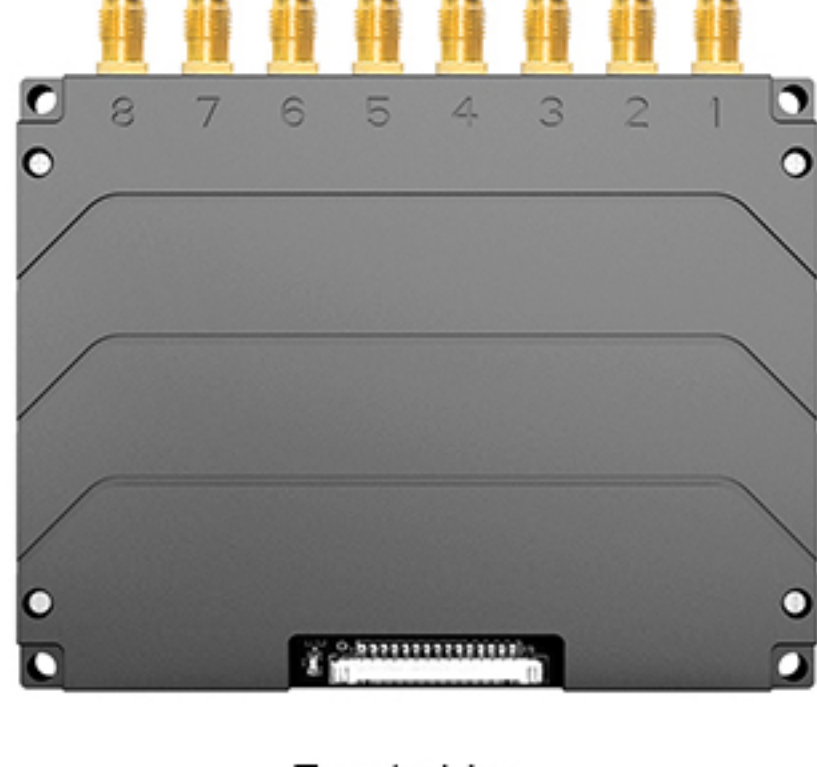
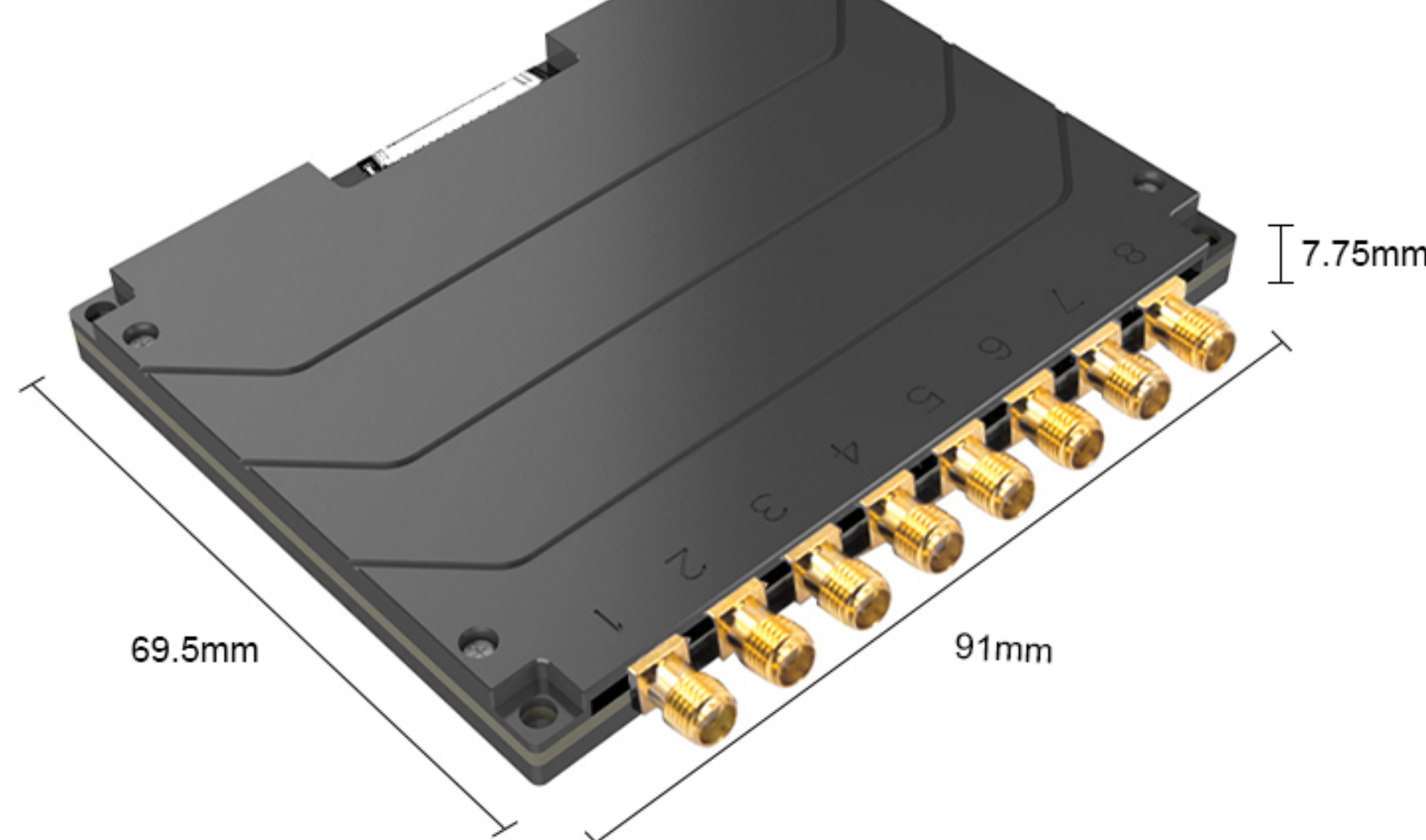
MU918RT
(RS232/GPIO/USB/TCP/IP interface board)

Accessories:

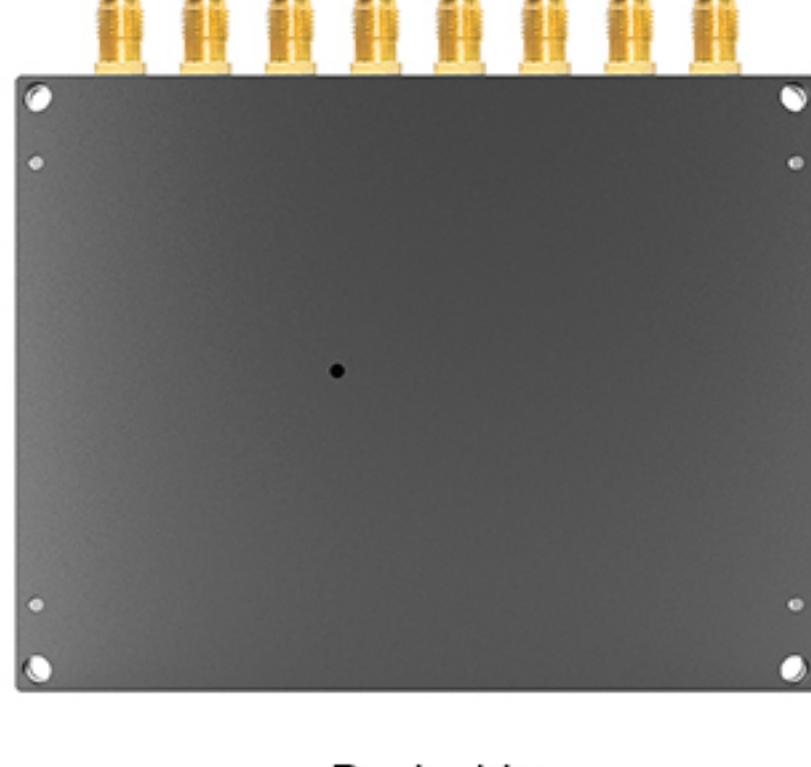
No.	1	2	2	2	3
Name	Power adapter	US plug	EU plug	CHN plug	RS232
Image					

02 Module dimension:

- Size: 91*69.5*7.75mm
- Weight: 128g



Front side



Back side

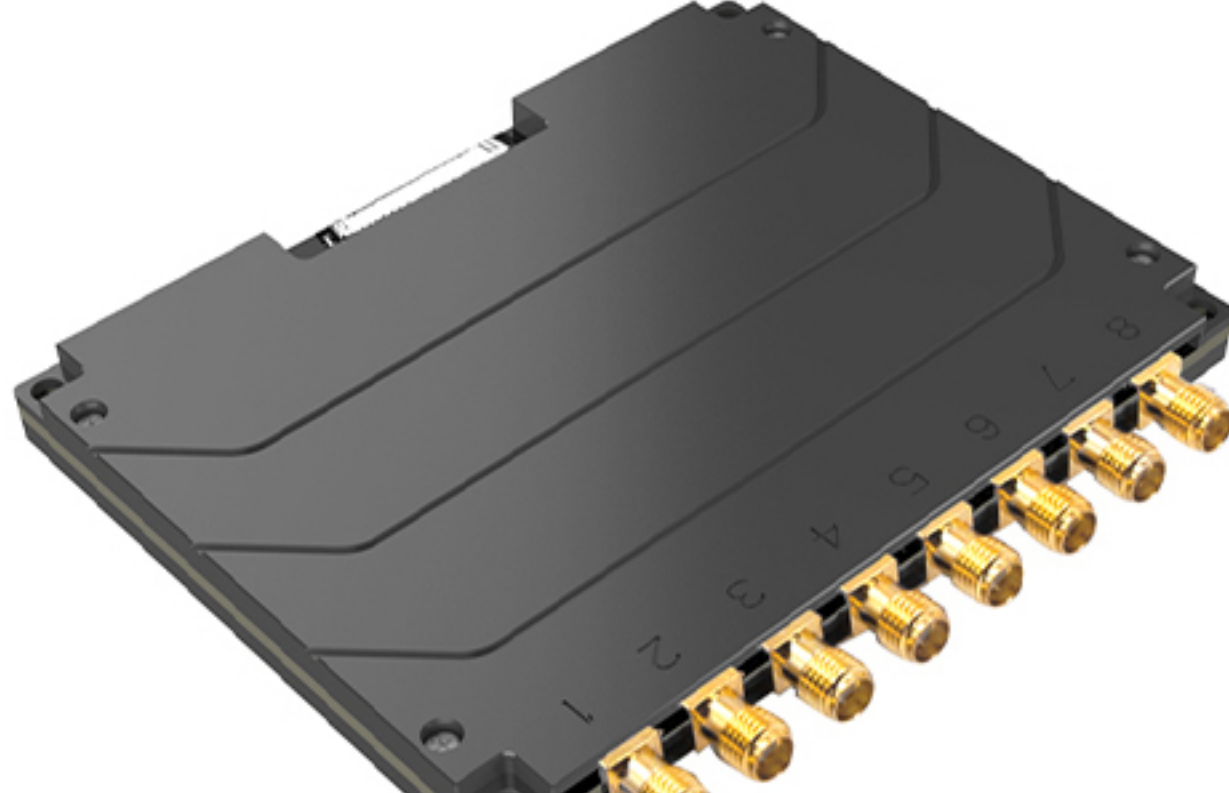
03 Host Interface



PIN1

NO.	Symbol	Symbol
1	GND	Ground
2	GND	
3	3.8V – 5.5V DC	Power Supply
4	3.8V – 5.5V DC	
5	SPI_MOSI	SPI master data input slave data output
6	SPI_MOSI	SPI master data output slave data output
7	SPI_CLK	SPI clock
8	SPI_CS	SPI selection
9	UART_RXD	Serial port input TTL 3.3V level
10	UART_TXD	Serial port output TTL 3.3V level
11	GPIO_IN	General GPIO3.3V level, input
12	GPIO_OUT	General GPIO3.3V level, output
13	BUZZER	The active high level buzzer outputs TTL and requires external drive.
14	EN	High level enable 3.3V level
15	NRST	Reset control, active at low level

04 Antenna Interface



SMA Female head