



Product technical parameter

Model number	VM-RF6403
Engine	Design based on Impinj R2000 chip
Frequency	865~868MHz (EU standard),902~928MHz (US standard)
Protocol	ISO18000-6B/6C(EPC GEN2)
Work mode	Answer Mode,Real-time-Inventory,Trigger Mode
Max inventory speed	700pcs/s
Reading range	1~15m (depends on antenna gain)
Tag buffer size	600pcs@max. 128bitsEPC or 180pcs@max.496bitsEPC
Inventory	Support EPC and TID inventory
Antenna ports	4 TNC antenna ports
Interface	RS232/RS485/TCP/IP/USB/POE/WiFi (optional)
Support	RSSI
RF power	33dbm (adjustable)
Power supply	9V
Current Dissipation	0.5~1.2A
Reader Size	270*180*27mm
Net weight	1.3kg
Package size	310*230*140mm
Package gross weight	2.5kg
Operating Temp	-10~+60 °C
Storage Temp	-20~+75 °C

Detailed image

- 01** Spare parts:Spare parts:1pc reader,1pc RS232 cable, 1pc USB cable,1pc power adapter,1pc plug



Plug

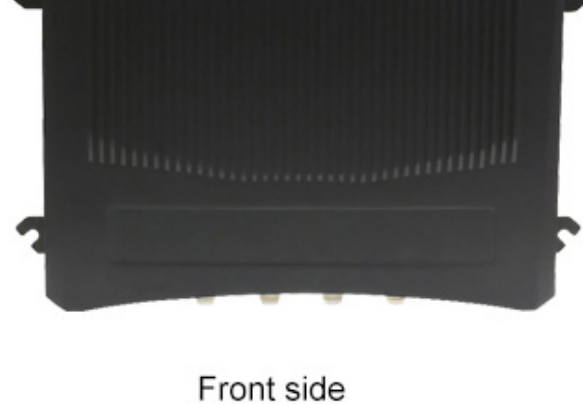
RS232 cable

Power adapter

USB cable

- 02** Reader dimension:

- Reader Size:270*180*27mm

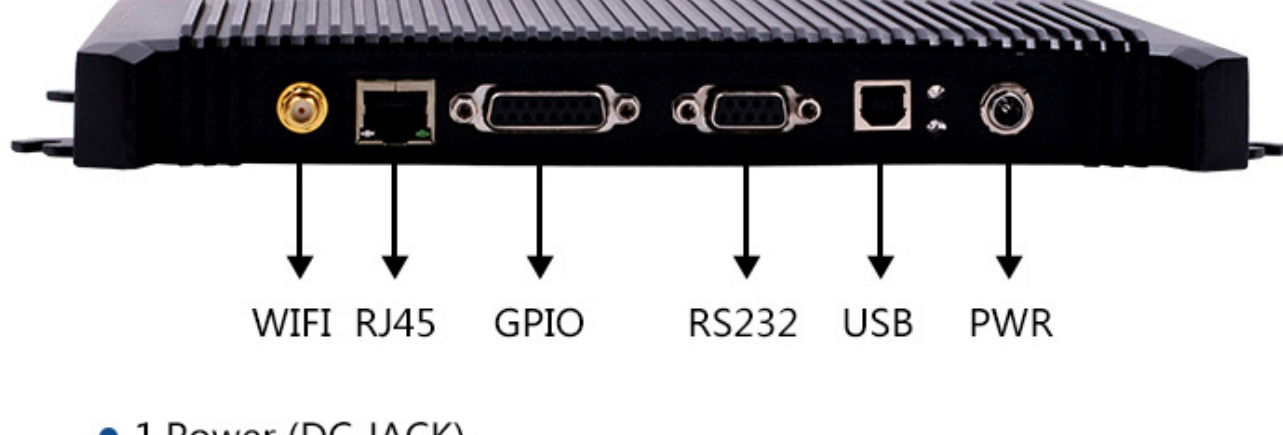
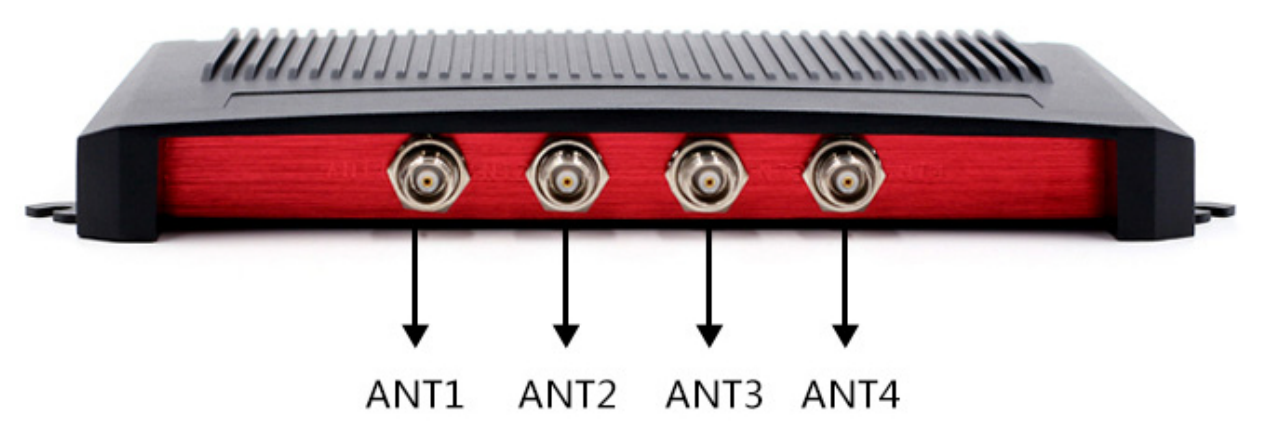


Front side



Back side

- 03** Interface:



- 1.Power (DC JACK)

No.	Symbol	Comment
Central	PWR	+9VDC
Outer	GND	Ground

- 2.USB

- 3.UART (RS232 DB9 Female)

No.	Symbol	Comment
1	NC	Reserved
2	TXD	Data output in RS232
3	RXD	Data input in RS232
4	NC	Reserved
5	GND	Ground
6	NC	Reserved
7	NC	Reserved
8	NC	Reserved
9	NC	Reserved

- 4.GPIO J7 (DB15 Female)

No.	Symbol	Comment
1	NC	Reserved
2	NC	Reserved
3	Input1 -	General OPTO-coupler isolated input -
4	Input2 -	General OPTO-coupler isolated input -
5	Output1	General OPTO-coupler isolated Output1
6	Output1	General OPTO-coupler isolated Output1
7	Output2	General OPTO-coupler isolated Output2
8	Output2	General OPTO-coupler isolated Output2
9	Input1 +	General OPTO-coupler isolated input+
10	Input2 +	General OPTO-coupler isolated input+
11	NC	Reserved
12	GND	Ground
13	NC	Reserved
14	NC	Reserved
15	NC	Reserved

- 5.TCPIP network (RJ45)

- 6. TNC antenna port ANT1~ANT4

- 04** Package:

- Package size:310*230*140mm

