

UHF EVEN Reader/Eight Channel

High performance Fixed reader

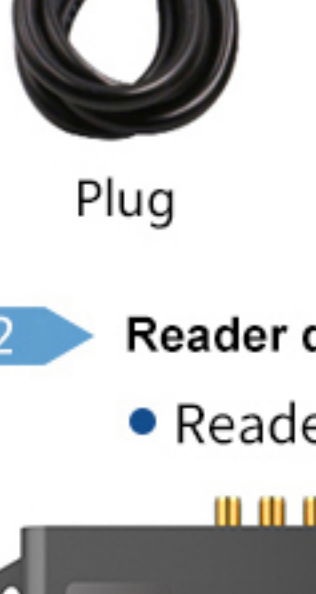


Product technical parameter

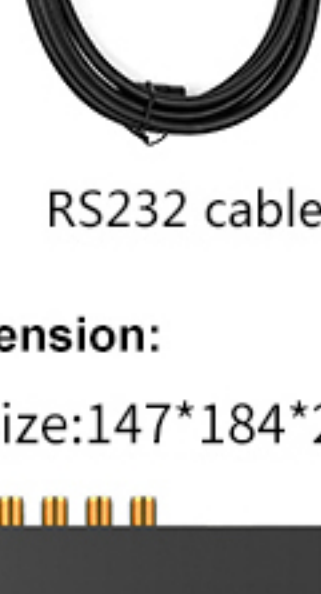
Model number	CF811
Engine	Design based on High performance chip
Frequency	865~868MHz (EU standard),902~928MHz (US standard)
Protocol	ISO18000-6C(EPC GEN2)
Work mode	Answer Mode,Real-time-Inventory,Trigger Mode
Max inventory speed	200pcs/s
Reading range	1~15m (depends on antenna gain)
Tag buffer size	600pcs@max. 128bitsEPC or 180pcs@max.496bitsEPC
Inventory	Support EPC and TID inventory
Antenna ports	8 SMA antenna ports
Device Connectivity	RS232/RS485/USB/RJ45/POE/WIFI (optional)
General Purpose I/O	2 optocoupler input, 2 relay output
Support	RSSI
RF power	33dbm (adjustable)
Power supply	12V
Current Dissipation	0.5~1.2A
Reader Size	147*184*26mm
Net weight	0.6kg
Package size	200*255*100mm
Package gross weight	1.3kg
Operating Temp	-10~+60 °C
Storage Temp	-20~+75 °C

Detailed image

01 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:

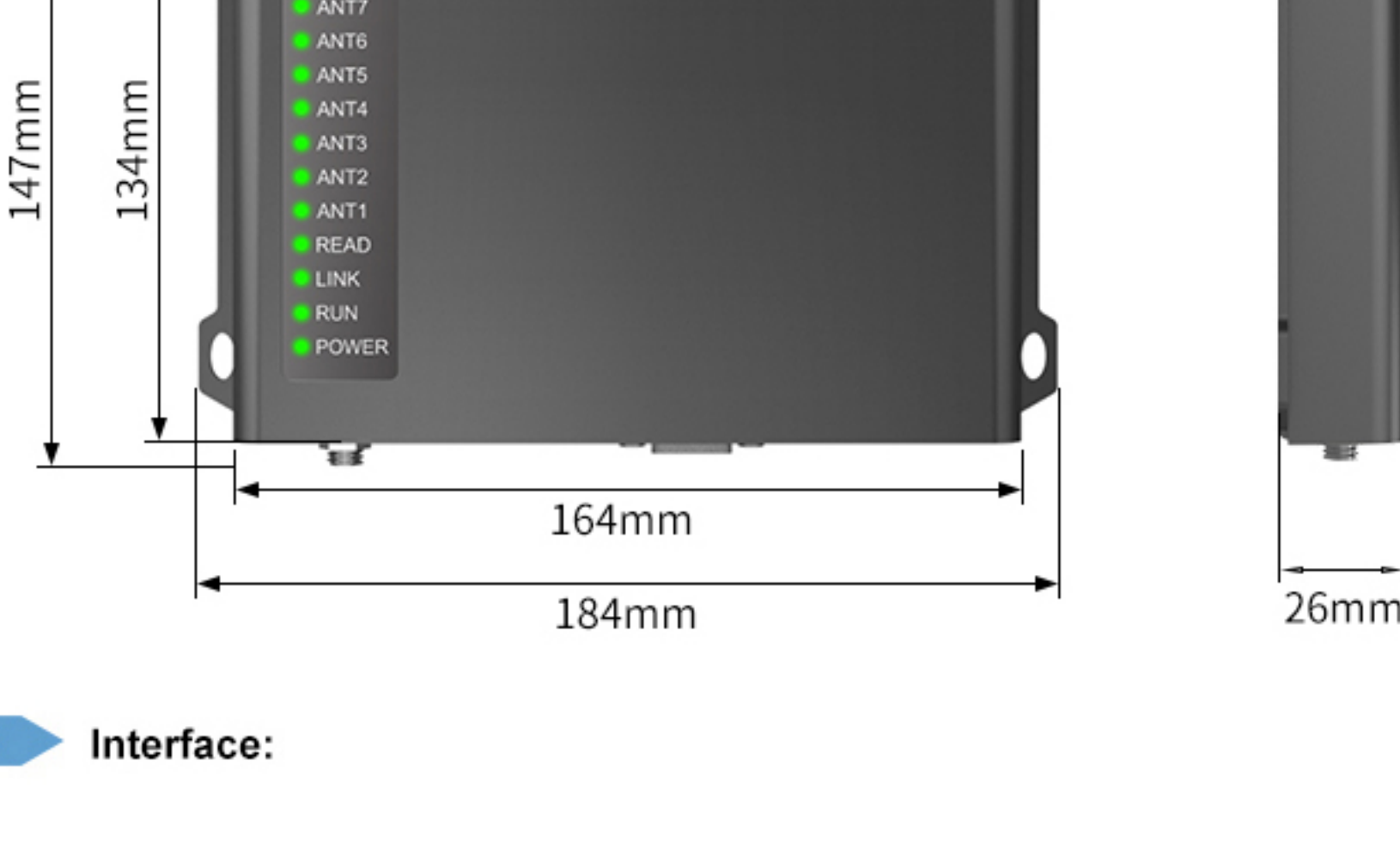
- Reader Size:147*184*26mm



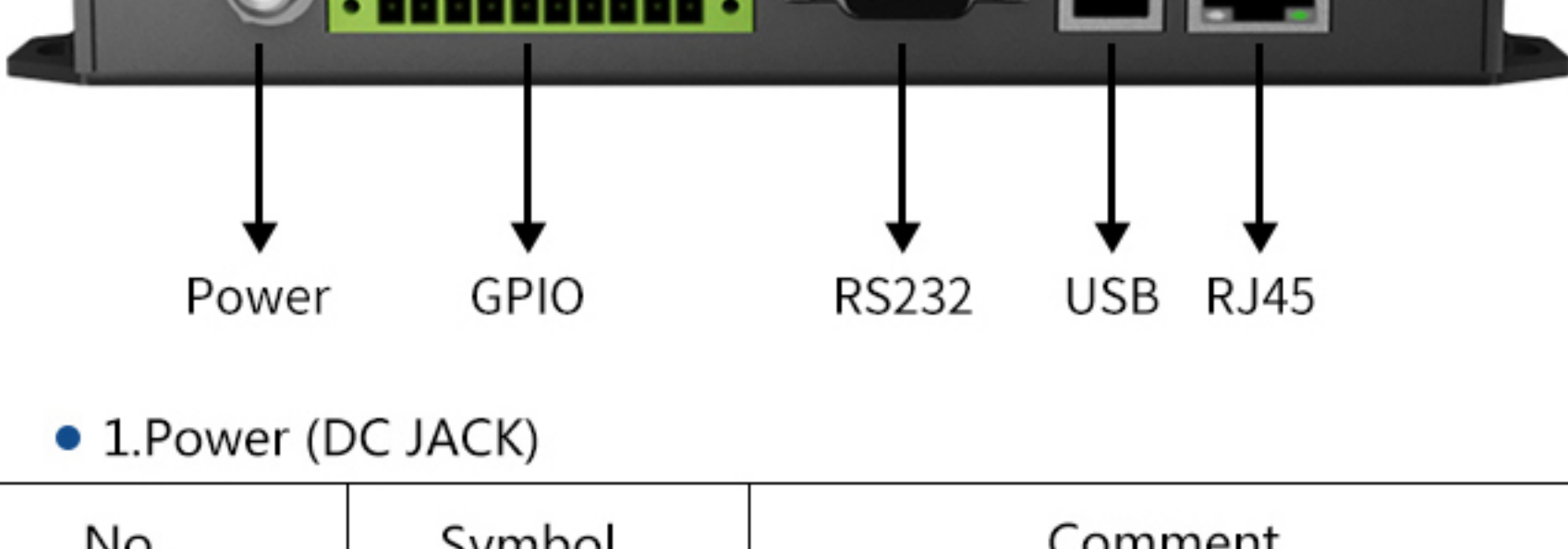
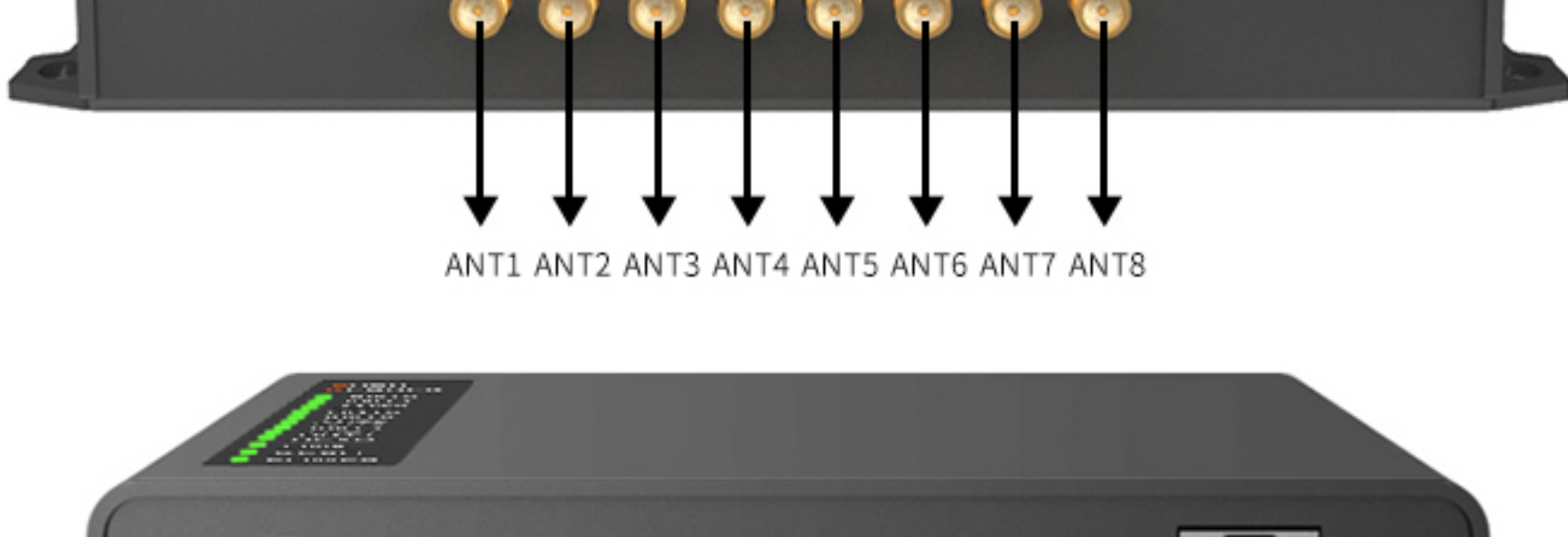
Front side



Back side



03 Interface:



- 1.Power (DC JACK)

No.	Symbol	Comment
Central	PWR	+12VDC
Outer	GND	Ground

- 2.GPIO

NO.	Symbol	Comment
1	COM1	Relay 1 Common terminal
2	NO1	Relay 1 Normal open
3	COM2	Relay 2 Common terminal
4	NO2	Relay 2 Normal open
5	GND	Ground
6	GPI-1	Trigger 1
7	GPI-2	Trigger 2
8	GND	Ground
9	A+	485 Data 1 (D+)
10	B-	485 Data 0 (D-)

- 3.UART (RS232 DB9 Female)

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

- 4.USB

- 5.RJ45

- 6.WIFI

04 Package:

- Package size:200*255*100mm

