

868M/915MHz Drone Extender

Features

2.5dB ultra-low noise

5V to 16V operating input range

Working with certified IEEE 802.11b/g/n Wireless LAN devices

Simply plug and play, no software is required

50X the power, improving the link quality and coverage of certified WLAN devices



Parameters

Number	Items	Specifications
1	Frequency Range	863-870MHz OR 902-928MHz
2	Operating Voltage	5-16V
3	Receiving Gain	17dB $\pm$ 1
4	Transmission Gain:	12dB $\pm$ 1
5	Max Output Power(P1dB)	36dBm(4W)
6	Input Trigger Power	Min:3dBm Max:23dBm
7	EVM	3%@27dBm 802.11g 54Mbps OFDM 64QAM BW 20MHz
8	Noise Figure	<2.5dB
9	Current Supply	430mA@Pout 27dBm 12V
10	TX/RX Switch Time Delay	<1 us
11	LED Indicator	Transmitter: Green; Receiver: red
12	Operating Temperature	-30℃ $\sim$ +70℃
13	Storage Temperature	-40℃ $\sim$ +150℃
14	Operating Humidity	Up to 95% rel. humidity
15	RF Connector	Input: SMA-K; Output: RP-SMA-K
16	Power Socket	2.5*0.7mm DC
17	Shell Size	65*35*13(mm)
18	Shell Material	Aluminum
19	Net Weight	0.06Kg

Attentions

- 1 12V /1A power supply.
- 2 Heat dissipation is recommended, such as adding heat sink or radiator fan.

- 3 Antenna should be screwed first, then plug the power adapter, finally connect the device.
- 4 The output could reach 36dBm, when input power is 19dBm or 20dBm (default gain is 17dB).
- 5、 The picture of the product:



The front side

The back side



The accessory