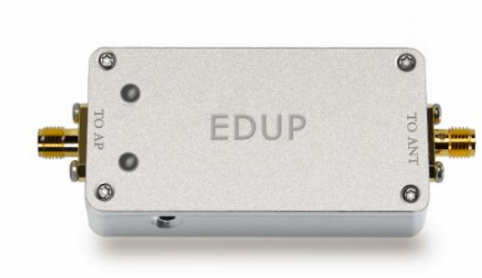
2.4GHz Drone Extender

Applications

Drone Signal 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	2400-2500MHz
2	Operating Voltage	5-16V
3	Receiving Gain	19dB±1
4	Transmission Gain:	17dB±1
5	Max Output Power(P1dB)	36dBm(4W)
6	Input Trigger Power	Min:3dBm Max:23dBm
7	EVM	3%@28dBm 802.11g 54Mbps OFDM 64QAM BW 20MHz
8	Noise Figure	＜2.5dB
9	Current Supply	580mA@Pout 28dBm 12V
10	TX/RX Switch Time Delay	＜1 us
11	LED Indicator	Transmitter: Green; Receiver: red
12	Operating Temperature	-30℃～+70℃
13	Storage Temperature	-40℃～+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

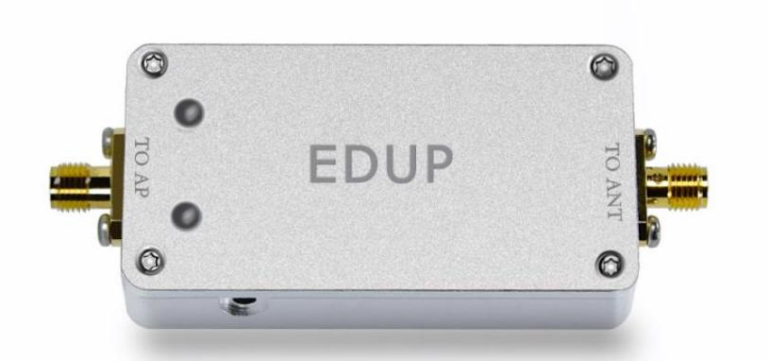
1 12V /1A power supply.

2 Heat dissipation is recommended, such as adding heat sink or radiator fan.

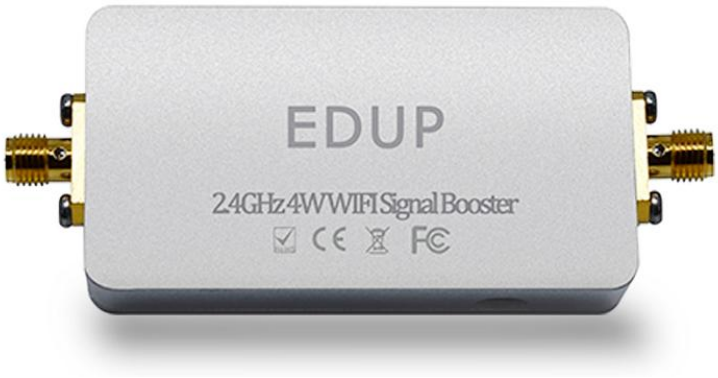
3 Antenna should be screwed first, then plug the power adapter, finally connect the device.

4 The output could reach 36dBm, when input power is 19dBm or 20dBm (default gain is 17dB).

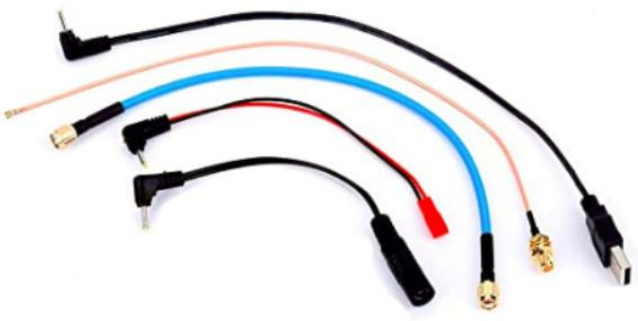
5、The picture of the product:



The front side



The back side



The accessory