

5.8GHz 5W Signal Booster

Applications

IEEE 802.11a/n/ac WLAN System

Smart Home Systems Signal Extender

Wireless Cameras Signal Extender

Features

100X the power, improving the link quality and coverage of certified WLAN devices

3.0dB ultra-low noise

Wide 6V to 18V operating input range

Working with certified IEEE 802.11a/n/ac Wireless LAN devices

Simply plug and play, no software is required



Parameters

Number	Items	Specifications
1	Frequency Range	5150-5850MHz
2	Operating Voltage	6-18V
3	Receiving Gain	15dB \pm 1
4	Transmission Gain:	18dB \pm 1
5	Max Output Power(P1dB)	37dBm(5W)
6	Input Trigger Power	Min:3dBm Max:18dBm
7	EVM	3%@29dBm 802.11a 54Mbps OFDM 64QAM BW 20MHz
8	Noise Figure	<3.0dB
9	Current Supply	610mA@Pout 29dBm 12V
10	TX/RX Switch Time Delay	<1 us
11	LED Indicator	Transmitter: Red; Receiver: Green
12	Operating Temperature	-30℃ \sim +70℃
13	Storage Temperature	-40℃ \sim +150℃
14	Operating Humidity	Up to 95% rel. humidity
15	RF Connector	Input: N-K; Output: N-K
16	Power Socket	5.5*2.1mm
17	Shell Size	98.5*66.0*28.0(mm)
18	Shell Material	Aluminum
19	Net Weight	0.30Kg

Attentions

- 1 12V /1.5A 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 37dBm, when input power is 17dBm or 18dBm (default gain is 20dB).
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