

5.8GHz 4W Signal Booster

Applications

IEEE 802.11a/n WLAN System

Smart Home Systems Signal Extender

Wireless Cameras Signal Extender



Features

80X the power, improving the link quality and coverage of certified WLAN devices

3.0dB ultra-low noise

Wide 6V to 16V operating input range

Working with certified IEEE 802.11a/n Wireless LAN devices

Simply plug and play, no software is required

Parameters

Number	Items	Specifications
1	Frequency Range	5725-5850MHz
2	Operating Voltage	6-16V
3	Receiving Gain	15dB \pm 1
4	Transmission Gain:	19dB \pm 1
5	Max Output Power(P1dB)	36dBm(4W)
6	Input Trigger Power	Min:3dBm Max:20dBm
7	EVM	3%@28dBm 802.11a 54Mbps OFDM 64QAM BW 20MHz
8	Noise Figure	<3.0dB
9	Current Supply	485mA@Pout 28dBm 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(default) or 10cm red/black wire
17	Shell Size	76.6*35*14(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 17dBm or 18dBm (default gain is 19dB).
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