



APM CO., LTD.

AAM-2430-IDU-1

WiFi Signal Booster



APM CO.,LTD of WiFi boosters is designed for use in mobile and/or mesh wireless networking applications. Designed for bi-directional signal amplification, In contrast, traditional analog amplifier technologies can go into saturation or reduce transmit power as input signal fluctuates, negatively impacting signal quality and network performance. Can be used any 2,4GHz antenna that implements an SMA-Male connector. The small footprint and low profile design makes it an ideal solution for mounting on vehicles or in other space constrained applications.

The AAM-2430-IDU efficiently increases signal reach of any antenna by up to 200%-400%.

The AAM-2430-IDU are been used to increase the power and/or the signal for different products and applications like:

- Routers
- Access points
- IP cameras
- Walkie talkies
- R/C helicopters, planes and cars
- Smart home systems
- Hot Spot solutions
- Hospitals
- Hotels
- Supermarkets





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Features:

Operating range : 2400~2500MHz
Channel width: 20Mhz&40Mhz
Supported standards: IEEE 802.11b/g/n
Operation mode: Bi-directional, half-duplex, time division duplex
Connector type: SMA
Output power: 3000mW (35dBm)
Input power: 0 ~ 20dBm
Transmit gain: 15 – 18dB
Receiver gain: ≤ 12 dB
Noise figure: ≤3.5dB typical
Supported voltages: 5V~16V/2A DC
Material: Cast aluminum
Booster weight: 46g
Booster size: 7.3 x 4 x 1cm
Package weight: 180g
Package size: 110 x 80 x 46cm

Package contents:

1 x AAM-2430-IDU-1
1 x RG141 20cm cable SMA male to RP-SMA male
1 x 1.13mm(D) 30cm cable IPEX to SMA male
1 x DC 2.5" to 12V 5.5" adapter
1 x DC 2.5" to USB adapter
1 x DC 2.5" to JST adapter
1 x Mounting Velcro
1 x User manual