



APM CO., LTD.

AAM-2440-IDU

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-2440-IDU efficiently increases signal reach of any antenna by up to 200%-400%.

The AAM-2440-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: To radio SMA female (hole inside). To antenna RP-SMA male (pin inside)

Output power: 4000mW (36dBm)

Input power: 0 ~ 20dBm

Transmit gain: 16 – 19dB

Receiver gain: ≤15dB

Noise figure: ≤3.5dB typical

Frequency response: ±1dB over operating range

Power adapter: 6V/4A DC, 100~240V

Operating temperature: -20℃ to +70℃

Operating humidity: Up to 75% relative humidity

Material: Cast aluminum

LED light: Power status / activity status LED

Booster weight: 245g

Booster size: 10 x 8.6 x 2.1cm

Package weight: 550g

Package size: 19.5 x 16.1 x 7cm

Package contents:

1 x AAM-2440-IDU

1 x RG316 cable with SMA connectors (20cm)

1 x 6dBi omni antenna

1 x power supply

1 x user manual

