



APM CO., LTD.

## AAM-245802-IDU

### 2000mW 2.4GHz&5.8GHz dual band WiFi Booster

#### Features:

New design for simple,simple,simple ;  
2.4G &5.8G dual band, Auto switch frequency;  
Max. 2000mW real output power;  
5-16V wide voltage range,support different power supply;  
Aluminum-alloy case by CNC, anti-interference;  
Designed for Drones, UAV, RC equipment....



#### Technical Specifications:

Booster Model: AAM-245802-IDU

Operating Range:2.4~2.5 GHz, 5.0~5.875 GHz

Operating Mode:Bi-directional, half-duplex, time division duplex senses RF,  
carrier from transmitter and automatically switch receiving  
to transmitting mode.

Connector Type:SMA Receptacle 50ohm,To radio SMA female(hole inside),To antenna RP-SMA  
female(pin inside)

Input Power:0~20 dBm

Transmit Gain:15-18dB

Output Power:2000mW (33dBm)

Receiver Gain: $\leq 12$  dB

Noise Figure: $\leq 3.5$  dB typical

Frequency Response: $\pm 1$ dB over operating range

Supported voltages: 5V~16V/2A DC

Operating Temperature:-20°C to + 70°C

Operating Humidity:Up to 75% relative humidity

Material:Cast Aluminum

Booster Weight: 77g

Booster Size:9.7 x 5.2 x1.1cm