

**WPA2400**

**2.4Ghz 30dBm Power Booster**

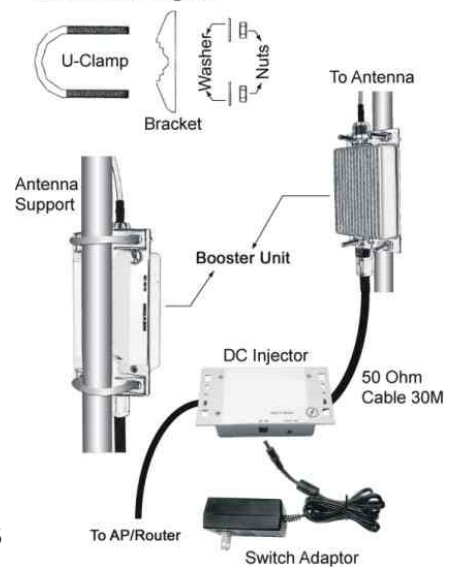


The WPA-2400 is a complete set of weather-proof 2.4Ghz power booster that amplify the signal of any 802.11b or 802.11g (24Mbps) device to over 30dBm(1Watt) in power. That means your AP or wireless router can reach over 20 kilometers in open space distance using a 18dBi antenna. Best of all, the booster is bi-directional to increase both the output power and the receiving sensitivity. Now it can also handle 802.11g amplification at 24Mbps speed.

The packages includes a booster unit and a DC injector unit. The booster unit contains the amplifier and the connector to external antenna. The DC injector contains the connector to wireless device and the power connector.

This setup allow the booster unit to be placed outdoor with the antenna while leaving the DC injector and your wireless AP/Router indoor. The electricity for booster unit can be supplied through the RF cable at distance up to 30 meters from the DC injector unit.

**Installation Diagram**



**Standard Accessories**

Booster Unit	DC Injector Unit
Accessories	SWITCH ADAPTOR



## Specification

- Weather proof
- Tx / Rx LEDs Indication
- DC power feed through RF cable
- Easy to mount
- Auto gain adjustment

### Output Power

- 1 Watt Outdoor

### Operating Range

- 2400-2500 MHz

### Operating Mode

- Bi- Directional TDD

### Transmit Gain

- up to 24dB

### Output Power

- 1 Watt (+30dBm)

### TX Input Power

- 0dBm Min/23dBm Max

### Receiver Gain

- 15-18dB, 17dB typical

### Noise Figure

- 3.5dB typical

### Connectors

- N-Type, 50 Ohm

### Lightning Protection

- Quarter Wave Technology

### Power Consumption

- Tx:<1A
- Rx:<160mA @ 9 VDC

### LED Indication

- Transmit: Green
- Receive: Red

### AMP Dimensions

- 142L x 79W x 31H (mm)

### Operating Temperature

- -40C to +70C

## Ordering Information

**WPA-2400** 1Watt 2.4GHz power booster