

# JW1154SU



## WLAN 802.11b/g outdoor Singal Bosster

This device is increase the effective range and coverage area of the 802.11b or 11g/b network. The added signal strength also offers Point to Multi-point connection.

This unit comes with an easy plug-and-plug installation, which works together an indoor Wireless Access Point to extend the maximum range and performance.

The outdoor booster increase range by providing transmit gain as well as low-noise receive gain. This receive gain increase the receive sensitivity of WLAN Access Point.

### Key Features

- Die Casting Aluminium
- Lightning Protection
- TX LED power LED
- Stronger signal improves throughput by reducing retransmissions
- One Year Limited Warranty

### Specification:

Output Power	500mW	1000mW
Operating Range	2400 -2500 MHz	
Operating Mode	Bi-directional, half-duplex Time Division Duplex (TDD) Senses RF carrier from Transmitter and Automatically Switch receive to transmit mode	
Transmit Gain	27dB Max. (Automatically adjusted) -500mw 30dB Max. (Automatically adjusted)-1000mW	
Frequency Response	+/-1dB over operating range	
Output Power	500mW (+27dBm) nominal 1000mW (+30dBm) nominal	
TX Input Power	(0dBm) minimum, up to (+20dBm) maximum	
Receiver Gain	15dB typical	
Noise Figure	3.5dB typical	
Lightning Protection	Direct DC ground at antenna connector	
DC Surge Protection	At 6V/DC input from transmission cable	
Connector	N-type, female (50 ohm)	

Power	1A @6V/DC or 90-240V/AC from power supply
Waterproof	100%
Operating Temp.	5V/1A DC Injector: -30 to +70 C Bi-directional Amplifier: -20 to +70 C
Operating Humidity	5V DC Injector: 10% to 75% Relative humidity Bi-directional Amplifier: Up to 100% Relative humidity
Material	Die Casting Aluminum
Dimension (cm)	DC Injector: 7.8cm(L) x 5.6cm(W) x 2.9cm(H) Amplifier: 11.5cm(L) x 6.5cm(W) x 4.8cm(H)
Safety Cerification	FCC/CE/VCCI

## Ordering information

MODEL	DESCRIPTION
JW1154SU	WLAN 802.11 b/g Outdoor Signal Booster

