

2.4GHz 1000mW WLAN Booster



With a solid aluminum construction, the PLANET WBT-1000, 2.4GHz Outdoor Signal Booster, is designed to give a massive boost in range for standard 802.11 b/g wireless signal. The outdoor unit amplifies the signal of any 802.11b/g device for up to 30dBm (1Watt) in power. It is easily used at outdoor environment to extend the range of wireless radio communication.

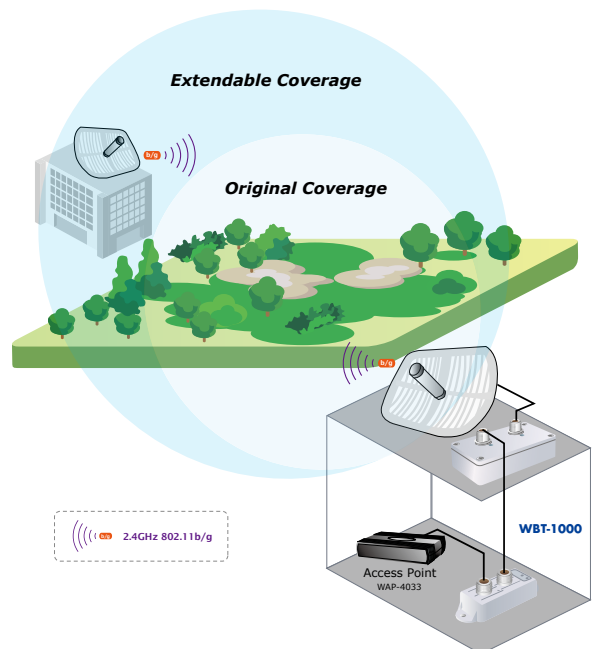
The standard package of WBT-1000 includes a DC injector, which provides DC power to the outdoor booster. The connectors of both booster and DC injector are all female N type connectors and fit all PLANET outdoor antennas.

KEY FEATURES

- High Gain, High Value and High Performance/ Auto Gain Signal Booster
- Amplifies AP's radio signal to 30dBm
- Enables broadband wireless application in possible coverage
- Increases AP's receiving sensitivity up to -100dB
- Aluminum case construction / weather-proof / lightning protection
- Strengths radio signal to increase the effective range and coverage area for Wi-Fi communication
- Simply attach the DC Injector with 2.4GHz radio signal input plus the DC power feed to the outdoor unit and N type antenna
- Outdoor booster increases coverage by providing transmits gain as well as low noise receivers gain
- The signal booster is benefit to lots of wiring cost saving and to easily build wireless infrastructure for home or business users

APPLICATIONS

Installing WBT-1000 enable you extend from normal wireless coverage to longer and enhanced wireless performance. The WBT-1000 not only can be applied to outdoor wireless access point but also can be used with indoor wireless access point extending to outdoor application.



SPECIFICATION

Product	2.4GHz 1000mW WLAN Booster
Model	WBT-1000
Operating Range	2400~2500 MHz
Operating Mode	Bi-directional, half-duplex, auto-switching via carrier sensing
Connector Type	N-type, female (50 ohm)
Input power	0~15dbm
Output Power	1W (30 dBm)
Transmit Gain	18dB typical
Receiver Gain	15dB typical
Noise Figure	3.5dB
Frequency Response	± 1dB over operating range
Operating Temperature	-20 ~ 70 Degree C
Operating Humidity	Up to 95% relative humidity
Material	Cast Aluminum
Lightning Protection	Direct DC ground at antenna connector
DC Surge Protection	At DC input from transmission cable

*For Hardware version 2.0.

ORDERING INFORMATION

WBT-1000	2.4GHz 1000mW WLAN Booster
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