

802.11g WLAN Outdoor AP/Bridge



To improve the restrictions which physical cables place on most networks, PLANET today delivers wireless outdoor solutions that have removed the boundaries of both LAN and WLAN.

Designed with the most innovative 802.11g technology, WAP-6000 provides 54Mbps high data rate for outdoor environment, which is about 30 times faster than T1 and ADSL connection speed. The WAP-6000 includes Power over Ethernet adapters for supplying power to the devices when a power outlet is not available nearby. With the web-based interface, WAP-6000 can be configured and managed easily.

KEY FEATURE

- Wireless LAN IEEE 802.11b/g compliant
- Solid housing provides protection against rigorous weather conditions
- Multi-level network security
- One detachable N-type female connector can connect to external antenna for expanding connection distance
- 5 levels of adjustable transmit power control
- Four operating modes support: AP, Bridge, and Client Repeater
- High speed data transfer rate up to 54Mbps
- Auto fall-back data rate for long-distance communication and noisy environments
- Provides web based interface for installation and management
- Supports DHCP Client
- Power over Ethernet design

SPECIFICATION

Product	802.11g WLAN Outdoor AP/Bridge
Model	WAP-6000
Standard	IEEE 802.11b/g
Signal Type	DSSS (Direct Sequence Spread Spectrum)
Modulation	BPSK, QPSK, CCK, OFDM
Port	10/100Mbps RJ-45 X 1
Antenna Connector	N-type Female X 1
Max. Output Power	18dBm
Sensitivity	-84dBm
Operating Mode	AP ,Bridge, Client, and Repeater
Frequency Band	2.4 - 2.484GHz
Data Rate	802.11g: Up to 54Mbps (6/9/12/18/24/36/48/54) 802.11b: Up to 11Mbps (1/2/5.5/11)
Dimensions (L x W x H)	165 x 135 x 55mm
Weight	1130g
Environmental	Operating Temperature: -20~70 Degree C Storage Temperature: -30~80 Degree C
Specification	Relative humidity: 5% - 95% (non-condensing)
Power Requirement	12V DC, 2.0A
Emission	FCC, CE

APPLICATIONS

Wireless ISP

A first mile solution is now simple with PLANET's wireless devices. No wiring is needed and the bandwidth provided can be up to 54Mbps. By installing WAP-6000 equipped with omni-directional antenna in the user's neighborhood, all users around the AP can easily connect to Internet through the access point by installing a wireless PCI card. By using a directional antenna, the distance between users and WAP-6000 can be simply a few kilometers.



LAN to LAN or LAN to Multi-LAN

Wiring inside your own building may be an easy job, but it is hard if network cabling needs to route through some public areas or difficult wiring environments. WAP-6000 is dedicated to provide a robust solution for connecting two or more buildings' wired Ethernets together. By using PLANET external antenna to extend distance, the installation is easy and the distance between buildings can be 10km or more.



ORDERING INFORMATION

WAP-6000	802.11g WLAN Outdoor AP with Bridge
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