WAP-6000/WAP-6100

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 and WAP-6100 provide 54Mbps high data rate for outdoor environment, which is about 30 times faster than T1 and ADSL connection speed. All models in PLANET outdoor WLAN family include 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 and WAP-6100 can be configured and managed easily.
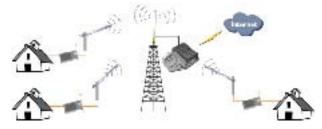
▶▶ KEY FEATURE

- ☐ Wireless LAN IEEE802.11b/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 in WAP-6000
- ☐ Bridge auto learning feature in WAP-6100
- ☐ High speed data transfer rate up to 54Mbps
- ☐ Auto fall-back data rate for long-distance communication and noisy environments
- ☐ Provide web based interface for installation and management
- ☐ Support DHCP Client
- ☐ Power over Ethernet design

Product	802.11g WLAN Outdoor AP/Bridge	
Model	WAP-6000	WAP-6100
Standard	IEEE 802.11b/g	
Signal Type	DSSS (Direct Sequence Spread Spectrum)	
Modulation	BPSK, QPSK, CCK, OFDM	
Port	10/100Mbps RJ-45 * 1	
Antenna Connector	N-type Female * 1	
Max. Output Power	18dBm	
Sensitivity	-84dBm	
Operating Mode	AP	Bridge: Point-to-Point, Point-to-MultiPoint
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 Specification	Operating temperature: -20 – 70 degree C	
	Storage temperature: -30 – 80 degree C	
	Relative humanity: 5% – 95% (non-condensing)	
Power Requirement	12V DC, 2.0A	
Electromagnetic Compatibility	FCC, CE	

☐ 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-6100 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.

➤ **WAP-6000**   802.11g WLAN Outdoor AP
➤ **WAP-6100**   802.11g WLAN Outdoor Bridge

FC CE