



WAP-4030

54Mbps Wireless LAN Access Point

WAP-4030 is an IEEE 802.11g Wireless Access Point. IEEE 802.11g uses 2.4GHz frequency band, the same with IEEE 802.11b, but provides almost 5 times throughput rate than 802.11b. You can use this access point to establish a wireless LAN connection that enables users to access wireless LAN easily.

It supports WPA-PSK, 64/128-bit WEP (Wired Equivalent Privacy) Encryption and MAC address filter function to consolidate the wireless network security. Thus you can prevent unauthorized wireless stations from accessing your wireless network. Its data rate can support up to 54Mbps for maximizing network efficiency while minimizing your network investment and maintenance costs.

This product provides a friendly user interface and allows users to configure from web browser. Without utility installation, users are not required to find the utility from the long list of programs.

▶▶ KEY FEATURE

- ❑ Compliant with the IEEE 802.11g/802.11b (DSSS) 2.4GHz specification
- ❑ High data rate up to 54Mbps, Auto rate fallback
- ❑ Seamlessly integrates wireless and wired Ethernet LAN networks
- ❑ Provides WPA-PSK, 64/128-bit WEP Encryption and MAC Filter to protect the wireless data transmissions
- ❑ Supports DHCP client for auto IP addresses assignment
- ❑ Provides a reverse-polarity SMA connector for external antenna connection
- ❑ Auto Fall-Back data rate for long-distance communication and noisy environment
- ❑ Supports 63 clients to connect the network. (For best performance, the suggested maximum clients number of one WAP-4030 is 25)
- ❑ Web-based configuration

▶▶ SPECIFICATION

Product	54Mbps Wireless LAN Access Point	
Model	WAP-4030	
Standard	IEEE 802.11g/802.11b (Wireless)	
Frequency Band	2.400~2.4835GHz	
Transfer Rate	802.11g: 54/48/36/24/18/12/9/6Mbps 802.11b: 11/5.5/2/1Mbps	
Modulation	OFDM@54Mbps, CCK@11/5.5Mbps, DQPSK@2Mbps and DBPSK@1Mbps	
Sensitivity	IEEE802.11b: -92dBm @ 1Mbps -89dBm @ 2Mbps -87dBm @ 5.5Mbps -82dBm @ 11Mbps	IEEE802.11g -91dBm @ 6Mbps -90dBm @ 9Mbps -87dBm @ 12Mbps -82dBm @ 18Mbps -82dBm @ 24Mbps -78dBm @ 36Mbps -71dBm @ 48Mbps -71dBm @ 54Mbps
Channel	FCC: 11 Channels (US, Canada) ETSI: 13 Channels (Europe) ELEC: 14 Channels (Japan)	
Radio Technology	Direct Sequence Spread Spectrum (DSSS)	
Antenna	External detachable dipole antenna	
Transmit Power	16±2dBm (Typical)	
LAN Interface	1-port RJ-45 UTP	
Cabling	Category 5/5e or above, 4-pair	
LED Indicators	3; PWR, WLAN, LAN	
Power	12V DC, 0.5A	
Temperature	0 ~ 55 °C (Operating)	
Humidity	10 ~ 90%, non-condensing (Operating)	
Dimension	169 x 87 x 30 (mm)	
Weight	155g	
Emission	FCC class B, CE-mark	

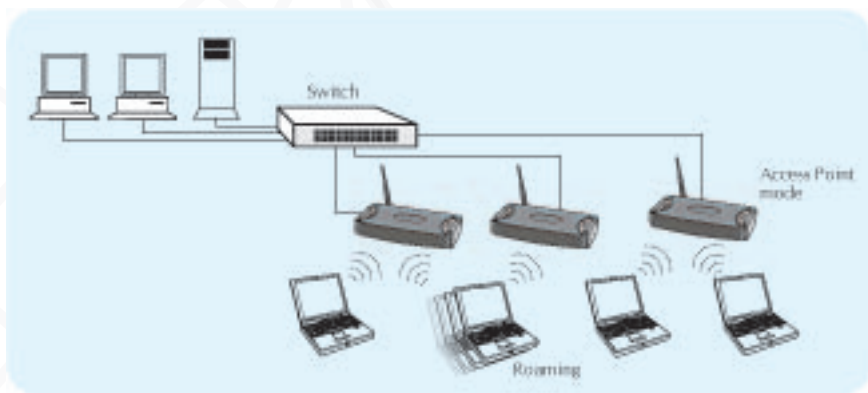
▶▶ APPLICATION

□ *Enterprise or Campus Users*

In an enterprise or campus area, some mobile users may need a continuous network connection. By installing WAP-4030 in the area, mobile users can easily access the network connection by installing a wireless card in notebook or PDA. The roaming capacity allows users connected to the network to transparently roam from one access point to another.

□ *Wireless ISP*

A first mile solution is now simple with PLANET's wireless devices. No wiring is needed and the provided bandwidth can be up to 54Mbps. By installing WAP-4030 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 AP can be a few kilometers.



▶▶ ORDERING INFORMATION

- ▶ **WAP-4030** 54Mbps Wireless LAN Access Point



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