



WAP-4030A

54Mbps Wireless LAN Access Point (with Bridge function)

WAP-4030A 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.

With the supported Bridge and Client modes, it provides more elasticity for users creating their Wireless Network. Connected to your LAN, it is able to access the network via Access Point or join to a small wireless network without Access Point.

WAP-4030A 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
- ☐ Supports AP, Bridge, Repeater, and Client modes
- ☐ 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
- ☐ Web-based configuration

Product	54Mbps Wireless LAN Access Point w/bridge, inter-building	
Model	WAP-4030A	
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	

►► APPLICATION

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



- ☐ 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. The WAP-4030A can work in bridge or repeater mode to provide a robust solution for connecting two or more buildings wired Ethernets together. By extending distance using PLANET's external antenna, the installation is easy and the distance between buildings can be kilometers away.



►► ORDERING INFORMATION

- **WAP-4030A** 54Mbps Wireless LAN Access Point w/bridge, inter-building



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