



WAP-1963A

11Mbps Wireless Access Point

The WAP-1963A is an access point for IEEE 802.11b 2.4GHz wireless network. You can use it to build up a wireless LAN for all wireless LAN station to join the wireless network. It supports the most security functions such as WPA, 802.1X authentication and 64/128-bit WEP (Wired Equivalent Privacy) Encryption and MAC address filter to consolidate the wireless network security; that can prevent unauthorized wireless stations from accessing your wireless network. WAP-1963A also offers a RADIUS-based access control for the enterprise manage requirement.

Best of all the Bridge and Station modes, it provides more elasticity for users creating their Wireless Network. Connected to you LAN, it is able to access the network via Access Point or join to a small wireless network without Access Point. It's data rate support 11, 5.5, 2 and 1 Mbps. Maximize network efficiency while minimizing your network investment and maintenance costs.

The product provide easy to use user interface and allows users to configuring from web browser. Also it integrates DHCP server to provide multiple wireless and wired users to get an IP address automatically. With the versatile of features, the product is the best choice for you to integrate your wireless and wired network seamlessly.

▶▶ KEY FEATURE

- Wireless LAN IEEE802.11b compliant
- Up to 11Mbps wireless LAN
- 2.4GHz ISM band, unlicensed operation
- Wireless connection without the hassles and cost of cabling
- Utilize Direct Sequence Spread Spectrum (DSSS) Technology
- Wireless AP / Bridge / Station mode
- WPA, 802.1X authentication
- 64bit/128bit WEP encryption
- MAC Address Filter
- DHCP Server
- 11Mbps performance will meet most foreseeable networking needs
- Wireless LANs are tremendously convenient, help to enhance productivity, and provide a real cost benefit over traditional wired network (no installation or maintenance expensed)
- Provide Web Configuration

▶▶ SPECIFICATION

Product	11Mbps Wireless Access Point	
Model	WAP-1963A	
Standard	IEEE 802.11b (Wireless), IEEE 802.3 (Wired)	
Frequency Band	2.400~2.4835GHz	
Transfer Rate	11/5.5/2/1Mbps, auto fallback	
Modulation	CCK@11/5.5Mbps, DQPSK@2Mbps and DBPSK@1Mbps	
Radio Technology	Direct Sequence Spread Spectrum (DSSS)	
Antenna	External detachable dipole antenna	
Transmit Power	18dBm (Typical)	
Antenna Gain	2dBi	
Work Modes	AP Station - Infrastructure Station - Ad Hoc	AP Bridge - Point to Multi-Point AP Bridge - Point to Point AP Bridge - WDS
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	160 x 87 x 28 (mm)	
Weight	200g	
Emission	FCC class B, CE-mark	

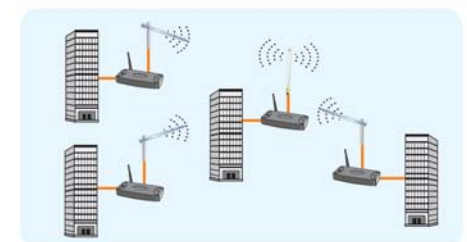
▶▶ APPLICATIONS

- ❑ **Enterprise or Campus Users**

In an enterprise or campus area, some mobile users may need a continuous network connection. By installing 11Mbps access points 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.
- ❑ **Wireless ISP**

A first mile solution now is simple with PLANET's wireless devices. No wiring is needed and the provided bandwidth can be up to 11Mbps. By installing PLANET's wireless access point equipped with omni-directional antenna in the user's neighborhood, all users around the access point can easily connect to Internet through the access point by installing a wireless PCI card or a WAP-1963 in AP client mode. By using a directional antenna, the distance between users and AP can be 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. PLANET's 11Mbps Wireless access point, the WAP-1963A, 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 10km or more.



▶▶ ORDERING INFORMATION

- ▶ **WAP-1963A** 11Mbps Wireless Access Point
- ▶ **WAP-1963** 11Mbps Wireless Access Point
- ▶ **WL-3553** 11Mbps Wireless PCMCIA Adapter
- Relative Products :**

11Mbps Wireless Products

 - ▶ **WRT-403** 11Mbps Wireless Broadband Router
 - ▶ **WL-8303** 11Mbps Wireless PCI Adapter
 - ▶ **WL-U351** 11Mbps Wireless USB Adapter
- Wireless Printserver

 - ▶ **FPS-2PUW** 11Mbps Wireless Printserver (USB*1, Parallel*1)
- WLAN 2.4GHz Antennas

 - ▶ **ANT-OM8** 8dBi Omni Antenna
 - ▶ **ANT-YG13** 13dBi Yagi Antenna
 - ▶ **ANT-FP18** 18dBi Flat Panel Antenna
 - ▶ **ANT-YG20** 20dBi Yagi Antenna
- Wireless LAN Cables

 - ▶ **WL-SMA-0.6** 0.6 meters reverse SMA - N-type
 - ▶ **WL-N-0.6** 0.6 meters N-type cable
 - ▶ **WL-SMA-6** 6 meters reverse SMA - N-type
 - ▶ **WL-N-10** 10 meters N-type cable
- Lightning Arrester

 - ▶ **WL-LTN** Lightning Arrester



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