PLANET
Networking & Communication

WAP-1963

11Mbps Wireless Access Point

The WAP-1963 is an access point for IEEE 802.11b 2.4GHz wireless network. You can use this access point to build up a wireless LAN for all wireless LAN station to join the wireless network. It supports 64/128-bit WEP (Wired Equivalent Privacy) Encryption and MAC address filter function to consolidate the wireless network security, that can prevent unauthorized wireless stations from accessing your wireless network.

With it's Station mode, WAP-1963 can served as a wireless station (Infrastructure or Ad-Hoc). 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.

This product provides easy to use user interface and allows users to configuring via 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, this product is the best choice for you to integrate your wireless and wired network seamlessly.
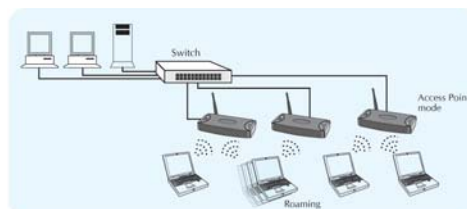
▶▶ Key Feature

- ❑ 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
- ❑ Supports Wireless AP/Station mode
- ❑ 64bit/128bit WEP encryption
- ❑ Support MAC Address Filter
- ❑ Support 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

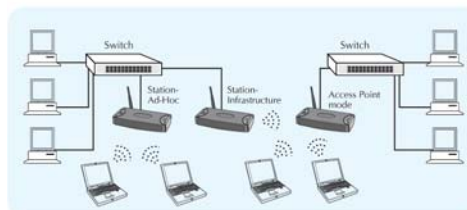| Product	11Mbps Wireless Access Point
Model	WAP-1963
Standard	IEEE 802.11b (Wireless), IEEE 802.3 (Wired)
Frequency Band	2.400~2.4835GHz
Transfer Rate	11/5.5/2/1Mbps, auto fallback
Modulation	CCK@11/5.5Mbps, DQPSK@2Mbps and DBPSK@1Mbps
Radio Technology	Direct Sequence Spread Spectrum (DSSS)
Antenna	External detachable dipole antenna
Transmit Power	18dBm (Typical)
Antenna Gain	2dBi
Work Modes	AP
	Station - Ad Hoc
	Station - Infrastructure
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	$0 \sim 55^o$ C (Operating)
Humidity	10 ~ 90%, non-condensing (Operating)
Dimension	160 x 87 x 28 (mm)
Weight	200g
Emission	FCC class B, CE-mark

▶▶ APPLICATIONS

❑ *AP mode*

In an enterprise or campus area, some mobile users may need a continuous network connection. By installing WAP-1963 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.

❑ *Station Mode*

Infrastructure: Served as a wireless station (infrastructure). Connected to you PCs, it is able to access the network via Access Point. WAP-1963 soon makes your connected PCs a wireless end node.

Ad-Hoc: Served as a wireless station (Ad-hoc). Connected to your PCs, this station adapter along with other wireless stations can establish a small wireless network without Access Points.

▶▶ ORDERING INFORMATION

➤ **WAP-1963**   11Mbps Wireless Access Point

Relative Products :

11Mbps Wireless Products

➤ **WRT-403**   11Mbps Wireless Broadband Router
➤ **WAP-1963A**   11Mbps Wireless Access Point (with bridge function)
➤ **WL-8303**   11Mbps Wireless PCI Adapter
➤ **WL-3553**   11Mbps Wireless PCMCIA 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-directional Antenna
➤ **ANT-FP18**   18dBi Flat Panel directional Antenna
➤ **ANT-YG13**   13dBi Yagi directional Antenna
➤ **ANT-YG20**   20dBi Yagi directional Antenna

Wireless LAN Cables

➤ **WL-SMA-0.6**   0.6 meters reverse SMA (female) - N-type (male)
➤ **WL-SMA-6**   6 meters reverse SMA (female) - N-type (male)
➤ **WL-N-0.6**   0.6 meters N-type cable (male - male)
➤ **WL-N-10**   10 meters N-type cable (female - male)

Lightning Arrester

➤ **WL-LTN**   Lightning Arrester

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