802.11g Wireless Access Point

The PLANET WAP-4036 supports both IEEE 802.11b and IEEE 802.11g standards. It can be used for connecting to an existing WLAN, or to build up a new wireless LAN. Besides the essential AP mode, the WAP-4036 provides Repeater, WDS, AP plus WDS, and Client modes to accommodate all kinds of network topology. High data rate (up to 54Mbps) performance allows faster communication between LAN and WLAN. It maximizes network efficiency by the WAP-4036 while minimizing your network investment and maintenance cost.

The WAP-4036 supports WEP, WPA / WPA2 Personal encryptions and MAC address filter function to consolidate the wireless network security meanwhile protect it from being accessed by unauthorized stations. With the user-friendly management interface and versatile features, the WAP-4036 is the best choice to integrate your wireless and wired network seamlessly.

KEY FEATURES

- Compliant with the IEEE 802.11b/g (DSSS) 2.4GHz specification

- High data rate up to 54Mbps, auto rate fallback

- Seamlessly integrates wireless and wired networks

- Supports WEP / WPA / WPA2 Personal, 802.1x encryption

- Supports AP / Client / WDS / AP+WDS and Repeater mode

- Supports MAC Address Filter

- Provides a reverse-polarity SMA connector for external antenna connection

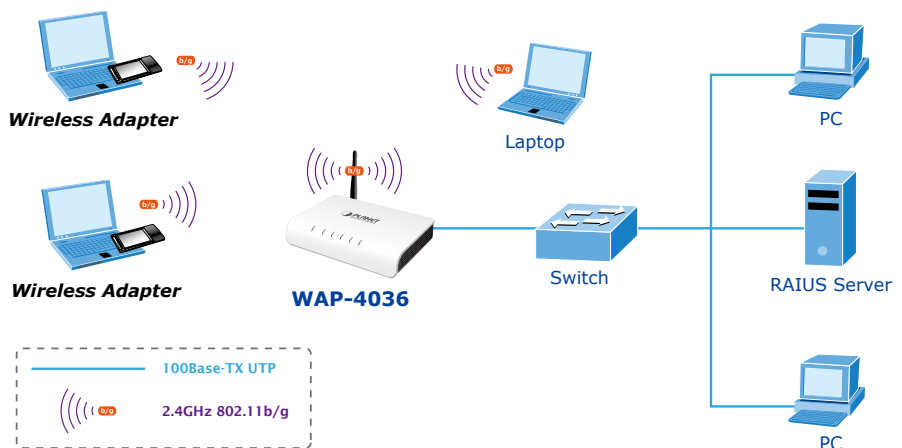- Built-in DHCP server

- Web-based configuration

APPLICATIONS

Enterprise / Campus Application

In an enterprise or campus area, some mobile users may need a continuous network connection. By installing the WAP-4036, mobile users can always surf the internet with a wireless LAN adapter in their notebooks or PDAs. The roaming capacity allows users to connect to the network for transparently roaming from one access point to another.

LAN to LAN or LAN to Multi-LAN

Wiring in your own building perhaps is an easy job, however, it is hard when network cabling needs to go through some public areas or difficult wiring environments. The WAP-4036 can work in WDS or repeater mode to provide a robust solution for connecting two or more buildings together.

Wireless Adapter

Wireless Adapter

WAP-4036

Laptop

Switch

PC

RAIUS Server

PC

100Base-TX UTP

2.4GHz 802.11b/g

Data Sheet

SPECIFICATION

Product	802.11g Wireless Access Point
Model	WAP-4036
Standard	IEEE 802.11b/g (Wireless), IEEE 802.3 (Wired)
LAN Interface	1-Port RJ-45, Auto-MDI/MDI-X
Frequency Band	2412 ~ 2462 MHz (US, Canada) 2412 ~ 2472 MHz (Europe) 2412 ~ 2483 MHz (Japan)
Transfer Rate	802.11g: 54/48/36/24/18/12/9/6Mbps 802.11b: 11/5.5/2/1Mbps
Modulation	11g: Orthogonal Frequency Division Multiplexing (OFDM) 54Mbps/48Mbps:QAM-64 36Mbps/24Mbps:QAM-16 18Mbps/12Mbps:QPSK 9Mbps/6Mbps:BPSK 11b: Direct Sequence Spread Spectrum(DSSS) 11Mbps/5.5Mbps:CCK 2Mbps:DQPSK 1Mbps:DBPSk
Sensitivity	-73dBm @ 10% PER (Packet Error Rate)
Antenna	Detachable dipole antenna (2dBi)
Operating modes	Access Point Client Repeater WDS AP+WDS
Transmit Power	17dBm (Typical)
Power	9V DC, 700mA
Temperature	0 ~ 40 degree C (Operating)
Humidity	10 ~ 90%, non-condensing (Operating)
Dimension (W x D x H)	160 x 110 x 31 mm
Weight	200g

ORDERING INFORMATION

WAP-4036	802.11g Wireless Access Point

RELATED PRODUCT

WL-8317	802.11g Wireless PCI Adapter
WL-U356L	802.11g Wireless USB Adapter
WL-3560	802.11g Wireless PCMCIA Adapter
WL-U357	802.11g Wireless USB Adapter

* For best performance and wireless connection, sincerely advice to match the above related products.

C-WAP-4036v2