

54Mbps Wireless Access Point with 5-Port Switch



The WAP-4035 supports both IEEE 802.11b and IEEE 802.11g standards. You can use it to connect to an existing WLAN, or to build up a new wireless LAN. Except essential AP mode, the WAP-4035 provides Repeater, Bridge, WDS, and Client modes to accommodate all kinds of network topology. High data rate (up to 54Mbps) performing allows faster communication between LAN and WLAN. Built-in 5-Port switch saves your extra cost when connecting multiple wired PCs. Maximize network efficiency via using the WAP-4035 while minimizing your network investment and maintenance costs.

The WAP-4035 supports WEP, WPA, WPA2 and MAC address filter function to consolidate the wireless network security; you can prevent unauthorized stations from those who access accessing your wireless network. Compatible with 802.1x authentication, with its built-in RADIUS Server, users can setup a RADIUS Server by enable/disable, without a lot of complex installation.

With the user-friendly management interface and versatile features, the WAP-4035 is the best choice to integrate your wireless and wired network seamlessly.

KEY FEATURE

- Compliant with the IEEE 802.11g/802.11b (DSSS) 2.4GHz specification
- High data rate up to 54Mbps network speed, auto rate fallback
- Built-in 5-port switch, support Auto-MDI/MDI-X function
- Seamlessly integrates wireless and wired networks
- Supports WEP/WPA/WPA2 encryption
- Supports AP/ AP Client/ Bridge/ Repeater and WDS (Wireless Distributed System) mode
- Built-in RADIUS Server
- Supports MAC Address Filter
- Provides a reverse-polarity SMA connector for external antenna connection
- Built-in DHCP server
- Web-based configuration

SPECIFICATION

Product	54Mbps Wireless Access Point with 5-Port Switch
Model	WAP-4035
Standard	IEEE 802.11g/802.11b (Wireless) IEEE 802.3/802.3u (Wired)
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
Radio Technology	Direct Sequence Spread Spectrum (DSSS)
Antenna	Detachable dipole antenna
Operating modes	Access Point Station - Ad-Hoc Station - Infrastructure Bridge - Point to Point Bridge - Point to Multi-Point Bridge - WDS Universal Repeater

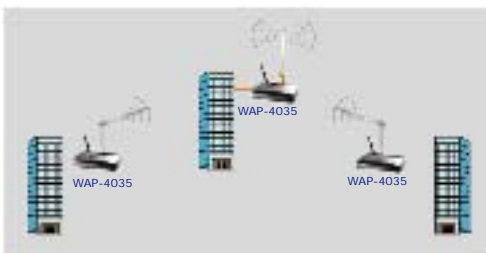
Transmit Power	18dBm (Maximum)
LAN Interface	5-port RJ-45, Auto-MDI/MDI-X
Cabling	Category 5/5e or above, 4-pair
LED Indicators	PWR, WLAN, 5 x 10/100M, 5 x LNK/ACT
Power	12V DC, 1A
Temperature	0 ~ 55 degree C (Operating)
Humidity	10 ~ 90%, non-condensing (Operating)
Dimension	190 x 98 x 35(mm)
Weight	300g
Emission	FCC class B, CE-mark

APPLICATIONS
SOHO and SMB users

The WAP-4035 has built-in a 5-Port switch. User can connect up to 5 wired PCs to the WAP-4035 directly without additional switch. For setup a wireless network with wired PCs, it provides the most convenience to the new wireless users.


Wireless ISP

The first mile solution is simple with PLANET's wireless devices. Being wireless; meanwhile, provided up to 54Mbps bandwidth is also an essential function. By installing the WAP-4035 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 if they also install a wireless PCI card or a WAP-4035 in Client mode.


Enterprise or Campus Users

In an enterprise or somewhere else, some mobile users may need a continuous network connection; by installing the WAP-4035, mobile users can be always surf on the internet by installing a wireless card in their notebook or PDA. The roaming capacity allows users to connect 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 perhaps is an easy job, however, it is hard if network cabling needs to go through some public areas or difficult wiring environments. The WAP-4035 can work in a bridge or repeater mode to provide a robust solution for connecting two or more buildings together.


ORDERING INFORMATION

WAP-4035	54Mbps Wireless Access Point with 5-Port Switch
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Data Sheet

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