

Anchor Data Systems (NI) Ltd

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54Mbps Wireless Access Point



The WAP-4033 supports both IEEE 802.11b and IEEE 802.11g standards. You can use it for connecting to an existing WLAN, or to build up a new wireless LAN. Except essential AP mode, the WAP-4033 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. Maximize network efficiency via using the WAP-4033 while minimizing your network investment and maintenance costs.

The WAP-4033 supports WEP, WPA, WPA2 and MAC address filter function to consolidate the wireless network security. Meanwhile, you can prevent unauthorized stations from accessing your wireless network. With the user-friendly management interface and versatile features, the PLANET WAP-4033 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
- Seamlessly integrates wireless and wired networks
- Supports WEP/WPA/WPA2 encryption
- Supports AP/ AP Client/ Bridge/ Repeater and WDS (Wireless Distributed System) mode
- Supports MAC Address Filter
- Provides a reverse-polarity SMA connector for external antenna connection
- Built-in DHCP server
- Web-based configuration

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SPECIFICATION
Product 54Mbps Wireless Access Point

Model	WAP-4033
Standard	IEEE 802.11g/802.11b (Wireless), IEEE 802.3 (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

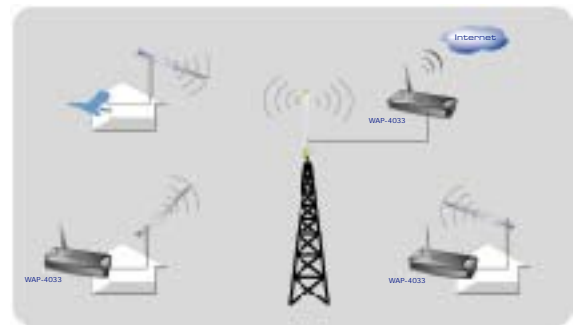
Transmit Power	18dBm (Maximum)
LAN Interface	1-port RJ-45, Auto-MDI/MDI-X
Cabling	Category 5/5e or above, 4-pair
LED Indicators	3; PWR, WLAN, LAN
Power	12V DC, 500mA
Temperature	0 ~ 55 degree C (Operating)
Humidity	10 ~ 90%, non-condensing (Operating)
Dimension	170 x 87 x 32 (mm)
Weight	162g
Emission	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 the WAP-4033, mobile users can always surf on 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.


Wireless ISP

The first solution for distance in a mile is simple with PLANET's wireless devices. Being wireless is required and the provided bandwidth can be up to 54Mbps. By installing the WAP-4033 equipped with omni-directional antenna in the user's neighborhood, all users around the access point can be easily connect to Internet through the access point if they also install a wireless PCI card or a WAP-4033 in Client mode.


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-4033 can work in bridge or repeater mode to provide a robust solution for connecting two or more buildings together.


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ORDERING INFORMATION

WAP-4033	54Mbps Wireless Access Point
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Data Sheet

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