

WP-4001B2 Wireless 802.11b/g Access Point



IEEE 802.11 g/b Wireless LAN Access Point

Acting as a bridge between the wired Ethernet and the 2.4GHz IEEE 802.11g/b wireless LAN, this wireless LAN access point can let your wireless LAN client stations access both the wired and the wireless network nodes.

WDS Bridge Mode (Repeater Mode)

The WDS (Wireless Distributed System) function let this access point acts as an wireless LAN access point and repeater at the same time. Users can use this feature to build up a large wireless network in a large space like airports, hotels and schools ...etc. This feature is also useful when users want to bridge networks between buildings where it is impossible to deploy network cable connections between these buildings.

Robust Wireless LAN Security

Except for the basic security control by using ESSID and 64/128/152 bit key length WEP encryption, this access point also supports the advanced security features, like MAC access control and hide ESSID. It provides a total solution for you to build up a secure wireless LAN network environment that can prevent from all kinds of hacker intrusion.

RP-SMA Detachable antenna

This access point provides a standard RP-SMA antenna connector that can let you apply all kinds of high gain antennas. This can help you to enlarge your wireless LAN coverage.

Web Configuration

You can configure this access point through the friendly Web user interface with a browser

- Complies with the IEEE 802.11g/b 2.4GHz specification
- Supports 2.400~2.4835 GHz frequency band, 1~14 channels
- High data rate up to 54Mbps network speed
- Auto rate fallback in case of obstacles or interferences
- Supports WPA security enhanced function
- Supports WDS (Wireless Distributed System) bridge mode
- Supports roaming link integrity
- Supports authentication for wireless connectivity based on ESSID
- Provides 64/128/152 bit key length WEP data encryption
- Provides MAC access control
- Provides DHCP server
- Supports Web-based configuration
- Firmware upgradeable via Web
- Compact-size design
- POE kit (optional)

Technical Specification

Standards	IEEE 802.11, IEEE 802.11b, IEEE 802.11g standards
CPU	ADMtek 5120 (175Mhz MIPS R4000)
RF Module	Inprocomm IPN2220 miniPCI
Modulation	802.11g - OFDM 802.11b - CCK, DQPSK, DBPSK
Frequency Band	2.4 GHz
Data Rate	802.11g: 54,48,36,24,18,12,9,6Mbps, auto fallback under noisy environment 802.11b: 11, 5.5, 2, 1Mbps, auto fallback under noisy environment
Operating Channel	11 Channels(US, Canada) 13 Channels(Europe) 4 Channels(France) 14 Channels(Japan)
Security	64(40)/128/152 bit WEP Encryption WPA (Wi-Fi Protected Access) 802.1x and Access Control List Build-in RADIUS Server
Management	Web browser
Working Mode	AP AP Bridge - Point to Point AP Bridge - Point to Multi-Point AP Bridge - WDS Repeater
LAN Ports	10/100Mbps UTP Port x 5
Antenna	One RP-SMA Detachable Antenna
Power	12V DC, 1A Linear Power Adaptor
Dimension	30(H)*187(W)*100(D) mm
Temperature	10~45C
Humidity	10~90% (Non-Condensing)
Certification	FCC Class B, CE Mark