WAPR-300 Wireless 802.11g MIMO AP

8x greater coverage than ever before!

Based on MIMO technology, SparkLAN WAPR-300 Wireless MIMO AP allows users to experience better reception and encounter fewer dead spots in your wireless coverage area. WAPR-300 AP delivers dramatically increased range and speed, which provide the coverage and performance requirement for the next wave of consumer and business wireless applications. Ideal for larger homes or offices that have a wider area to cover, WAPR-300 MIMO AP offers a breakthrough solution for music downloading, video streaming, file sharing, and online multi-user gaming. Users can experience the improvement in their wireless network range.
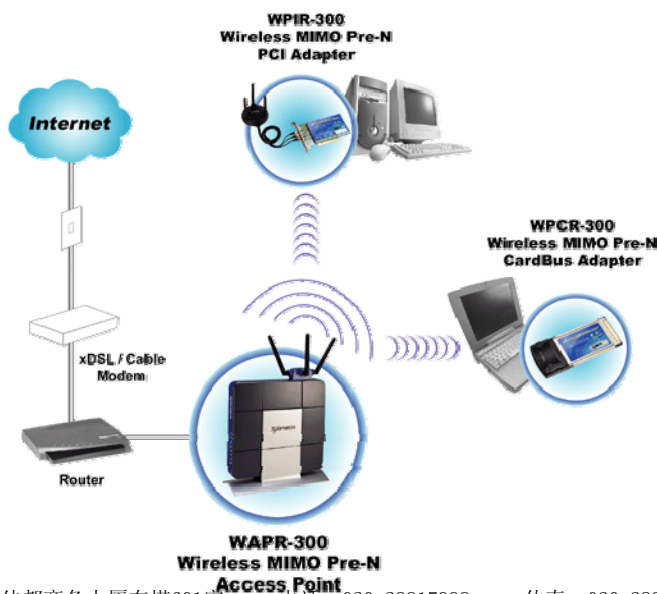
Keep your wireless network safe

To maximize your network security and privacy, SparkLAN WAPR-300 incorporates 128 bit WEP&WPA Encryption, Layer 2 isolation, and WPA RADIUS, which can filter external user and prevent illegal attacking. As a result, there is no need to worry about unauthorized users.

Benefits
- Deliver farther coverage range than ever
- High speed data transmission
- Reduce dead spots in coverage area
- Protect wireless network security with 128 bit WEP&WPA, WPA2 Encryption
- Advanced security: Layer 2 isolation, MAC address filtering

Features
- AP Client mode and AP mode
- Exceeding conventional performance with MIMO Technology
- IEEE 802.11b/g
- Easy-to-install
- Web-based management

WPIR-300
Wireless MIMO Pre-N
PCI Adapter

Internet

WPCR-300
Wireless MIMO Pre-N
CardBus Adapter

xDSL / Cable
Modem

Router

WAPR-300
Wireless MIMO Pre-N
Access Point

SPECIFICATIONS

Hardware Features

Interface	LAN: 1x10/100Base-T Ethernet switch port
LED Indicators	Power, WLAN, LAN
Antenna	2dBi Reverse SMA antenna

Radio Characteristics

Standard	IEEE802.11b/g
Frequency Bands	802.11b/g :ISM-Band 2.412~ 2.4835GHz
Modulation	802.11g: OFDM 802.11b: CCK,DQPSK, DBPSK
Transmitted Power	802.11g: 13~15dBm 802.11b: 16~18dBm
Receive Sensitivity	802.11g 54Mbps @ -75dBm
Data Rates	802.11b: 11, 5.5, 2, 1Mbps 802.11g : 54, 48, 36, 24, 18, 12, 9, 6 Mbps
Power Consumption	TX:320mA@5V RX:350mA@5V

Software Features

Protocol Support	● TCP/IP, IPX, NetBEUI
Management	● Web-based management
Security	● 64/128 WEP ● WPA with TKIP and AES ● WPA RADIUS ● Layer 2 isolation ● MAC address filtering

Environmental Specifications

Temperature	Operating: 0~40 degree Storage: 0~70 degree
Humidity	Operating Humidity: 10%~85%,(non-condensing) Operating Humidity: 10%~85%,(non-condensing)

Power Supply

Input	Input: AC 110V/220V/230V/240V
Output	DC 12V, 0.5A

Certification

FCC, CE

Warranty

1 Year

Package Contents

- WAPR-300 Wireless MIMO Pre-n AP
- CD-ROM (QIG, User Manuel)
- Multi-language Quick Installation Guide
- DC Power Adapter
- RJ45 Cat.5 UTP cable

RELATED PRODUCTS

WPCR-300 Wireless MIMO-G

CardBus Adapter

WPIR-300 Wireless MIMO-G

PCI Adapter