

WRTR-300 Wireless 802.11g MIMO AP Router

8x greater coverage than ever before!



SparkLAN WRTR-300 11g MIMO AP router features MIMO (Multiple-Input Multiple-Output) technology, which utilizes multiple antennas to transfer multiple wireless signals simultaneously and reduce the number of dead spots. So it doesn't only significantly enhance the throughput, but also to extend the coverage with 8x greater coverage than conventional gears while 100% backward compatible with 802.11b/g gears. Ideal for larger homes or offices that have a wider area to cover, SparkLAN offers a breakthrough solution for music downloading, video streaming, file sharing, and gaming. Users can experience the improvement in their wireless network range. The 4-port 10/100Base-T Ethernet switch can address your demand for sharing high-speed internet connection. With the SparkLAN WRTR-300 wireless Router as the central network connection point, your PC are able to share a broadband Internet connection and networked peripherals such as hard drives, network storage, and printers.

Keep your wireless network safe

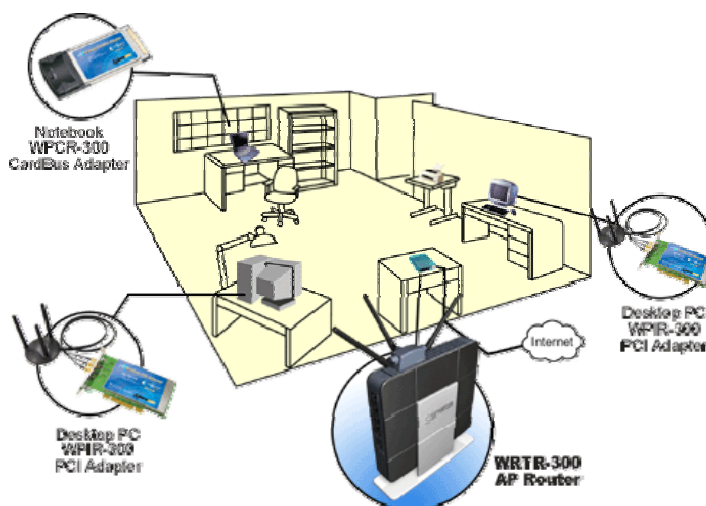
To maximize your network security and privacy, SparkLAN WRTR-300 incorporates 64/128 bit WEP Encryption, Wi-Fi Protected Access (WPA) with AES and TKIP, Layer 2 isolation, which can filter external user and prevent illegal attacking. Network Address Translation (NAT) doubles your firewall and safeguards your network from internet hacker. VPN pass-through provides secure internet connections to your office. As a result, there is no need to worry about unauthorized users.

Benefits

- Farther coverage range than ever
- High speed data transmission
- Advanced security: Layer 2 isolation, 64/128bit WEP, WPA with AES and TKIP, MAC address filtering
- Support NAT to protect user against hackers
- Easy-to-install

Features

- MIMO technology
- Support WDS (bridge)
- 4-port 10/100 Ethernet switch for broadband internet connection
- Support VPN pass-through
- Web-based management



SPECIFICATIONS

Hardware Features

Connectivity	WAN: 1x 10/100Base-T switch port LAN: 4x 10/100Base-T Ethernet switch port
LED Indicators	Power, WAN, ACT/Link, LAN1, LAN2, LAN3, LAN4
Antenna	2dBi Reverse SMA antenna

Radio Characteristics

Standard	IEEE802.11b/g IEEE802.3, 802.3u
Frequency Bands	802.11b/g : ISM-Band 2.412~ 2.4835GHz
Modulation	802.11a/g: 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
Basic	● DHCP client/server ● NAT, PPPoE Client ● Dynamic DNS
Management	● Web-based management
Security	● 64/128 WEP ● WPA with TKIP and AES ● WPA RADIUS ● Layer 2 isolation ● VPN pass-through ● MAC address filtering

Environmental Specifications

Temperature	Operating: 0°C to 40°C (32°F to 104°F) Storage: 0°C to 70°C (-40°F to 185°F)
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

■ WRTR-300 Wireless Pre-n MIMO AP Router	
■ CD-ROM (QIG, User Manual)	■ 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