Micronet
Making Communication Easier

Communicate via Micro network

150Mbps Wireless LAN Broadband Router

Model No. SP916NL

Introduction

Micronet SP916NL, 11n Wireless Broadband Router, delivers next generation wireless solution of high speed and cost-efficient network. The router allows multiple wireless devices to share the single Internet connection via xDSL or Cable connection. The router is designed for client user, medium-sized business and enterprise to migrate to efficient and high performance wireless network. The router is compliant with IEEE 802.11n and backward compatible with IEEE 802.11b/g. The router supports MIMO (Multi-In, Multi-Out) technology, which uses 1T1R (1 transceiver, 1 receiver) to enhance data rate and wireless coverage. In addition, the scope of the network can be easily expanded by connecting the router to a hub or switch.

Key Features

- Include router, wireless access point, four-port switch and firewall in one
- "Setup Wizard" enables you to connect Internet without entering administration interface
- Comply with IEEE802.11n standard and IEEE802.11 b/g standards
- Increase 6 times coverage distance than 802.11g standard and reduces the dead spots in the coverage area
- Support transmitting rate up to 150Mbps
- Provide 64/128-bit WEP, WPA, WPA2, WPA&WPA2 encryption methods
- Support MAC address, IP address, URL filtering settings for network security
- Support One-key Wizard software to make router configuration easier
- Support WPS (Wi-Fi Protected Setting) to establish the connection between the wireless network clients and the device through encrypted contents

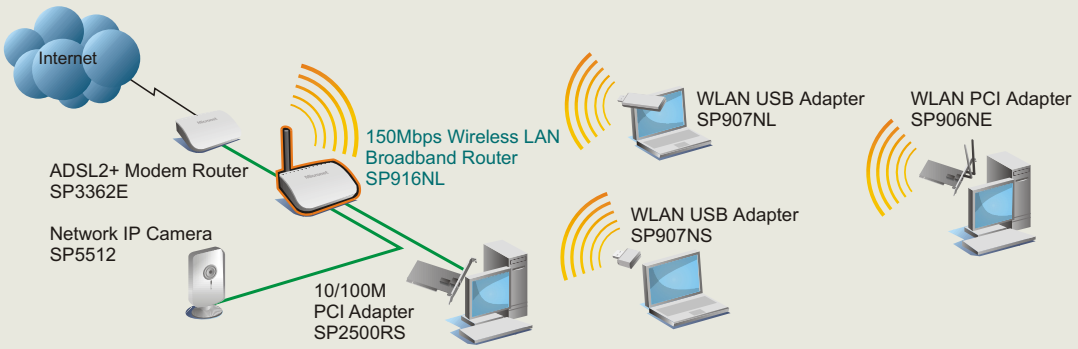
Application

Related Products

WLAN PCI Adapter SP906NE

WLAN USB Adapter SP907NL

WLAN USB Adapter SP907NS



150Mbps Wireless LAN Broadband Router

SPECIFICATION AND PRODUCT FEATURES

Model	SP916NL
Standards	IEEE802.11b/g/n, IEEE802.3, IEEE802.3u
Interface	WAN Port: 1 x Port 10/100Mbps UTP LAN Ports: 4 x Port 10/100Mbps UTP
Frequency Band	2.4GHz
Data Rate	802.11b: 1,2,5.5, and 11Mbps 802.11g: 6,9,12,18,24,36,48 and 54Mbps 802.11n: up to 150Mbps
Antenna	1 x 3dBi Detachable Antenna, R-SMA
Transmit Power	17 dBm
Sensitivity	54M:-74dBm@10% PER; 11M:-85dBm@8% PER; 6M:-88dBm@10% PER; 1M:-92dBm@8% PER
Channel	USA 11, Europe 13, Japan 14
Advance Features	Port Forwarding Virtual DMZ DDNS (DynDNS) Traffic Control Auto MDI/MDI-X for wired Ethernet ports WMM DHCP Server Routing Table
Security	WEP (64/128 bit) WPA, WPA2 Client Filter URL Filter MAC Filter
Range Coverage	Indoor: 35~100 meters Outdoor: 100~300 meters
Management	Web-based Interface Firmware Upgrade via Web Syslog
Power	DC 9V, 1A
Operating Humidity	10-90% (Non-Condensing)
Operating Temperature	0 ~ 40°C
Certification	FCC, CE

The product specifications are subject to change without prior notice

ORDERING INFORMATION

Model	Description
SP916NL	150Mbps Wireless LAN Broadband Router

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ISO 9001

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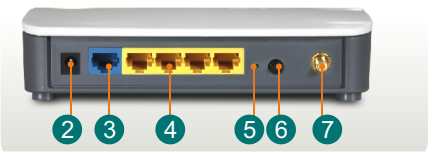

150Mbps Wireless LAN Broadband Router

Model No. SP916NL

1. LED Indicator
2. Power Jack
3. Internet Port for DSL/Cable Modem
4. 4-ports 10/100 Switch
5. Reset Button
6. WPS
7. Connector for Detachable Antenna

COMPANION PRODUCTS

Consider the following Micronet products as a factor in your network planning.

- Ethernet
- Hotspot and Network Access Control
- Industrial Ethernet
- IP Surveillance
- IP Telephony
- KVM Switch
- Network Appliance
- Structured Cabling System
- VDSL・ADSL and Broadband
- Wireless LAN

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