

300Mbps Wireless LAN Access Point

Model No. SP9018A



Introduction

Micronet SP9018A, 300Mbps Wireless LAN Access Point with Gigabit Ports, delivers next generation high speed and excellent performance wireless connection. The access point is ideal for SOHO, medium-sized business and enterprise where all computers and network devices can share Internet access through a LAN network. The access point is compliant with IEEE 802.11b/g/n and backward compatible with IEEE 802.11a. The new IEEE 802.11n standard increases the transmission rate up to 300 Mbps, providing the operation seamlessly in the 2.4GHz/5.8GHz frequency spectrum. The access point supports MIMO (Multi-In, Multi-Out) technology, which uses 2T2R (2 transceiver, 2 receiver) to enhance data rate and wireless coverage. Due to previous significant features, SP9018A is especially recommended for

802.11

a/b/g/n

5

Gigabit LAN
Ports

50

Concurrent
Users

PoE

802.3af

Secure

WEP/
WPA/WPA2

**Dual
Band**

2.4/5 GHz

Gaming, Digital Home applications. In addition, the scope of the network can be easily expanded by connecting the access point to a hub or a switch.

Key Features

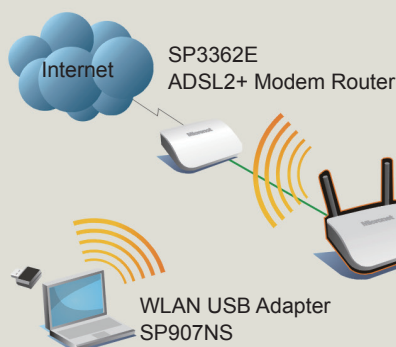
- Comply with IEEE802.11 a/b/g/n standards and operate on 2.4/5GHz frequency
- Support transmitting rate up to 300Mbps
- Provide 64/128-bit WEP encryption and WPA-PSK, WPA2-PSK security
- Support IP Filter, URL Filter and MAC Filter settings for network security
- Support WPS (Wi-Fi Protected Setting) to establish the connection between the wireless network clients and the device through encrypted contents
- Support 5 10/100/1000Mbps RJ-45 LAN ports

Application

Related Products



WLAN PCI Adapter
SP906NE



WLAN USB Adapter
SP907NE

WLAN PCI Adapter
SP906NE

10/100M

300Mbps Wireless LAN Access Point

SPECIFICATION AND PRODUCT FEATURES

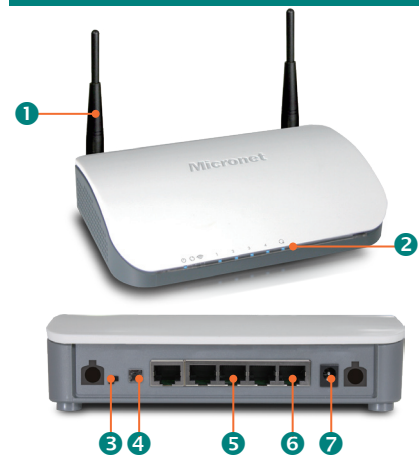
Model	SP9018A
Standard	IEEE 802.11a/ 802.11b/ 802.11g / 802.11n
LAN Port	5 x Port 10/100/1000Mbps UTP
Radio Modulation	2T2R MIMO Technology
Frequency Band	2.4GHz, 5GHz
Multicast Functionality	300Mbps
	Transferring Rate: More than 2 Mbps - Packet Loss: Less than 7%
	Channel Width: 20 MHz (IEEE 802.11n) or 40 MHz (IEEE 802.11a / 802.11b / 802.11g)
	2.4GHz
	11n: 17±1.5dBm, 11g: 17±1.5dBm, 11b: 18±1.5dBm
	5GHz
	11n: 15±1.5dBm, 11a: 15±1.5dBm
Operation Channel	USA 11, Europe 13
Operation Mode	AP, AP Client, WDS and Universal Repeater
Antenna Type	2 x Fixed Antennas
Security	64/128-bit WEP, WPA, WPA2 encryption methods
	IP Filter, URL Filter, MAC Filter, and Prevent Network Attack functions
Management	Web User Interface, System Status and Security Logs, Firmware Upgrade
Power	12V DC, 1A
Dimension (mm)	164(W) x 34(H) x 89(D)
Operating Temperature (°C)	Operating: 0°C ~ 40°C
	Storage: -20°C ~ 60°C
Operating Humidity	Operating: 10% ~ 90%, non-condensing
	Storage: Max. 95%, non-condensing
Emission	CE,FCC

*Specifications are subject to change without prior notice.

ORDERING INFORMATION

Model	Description
SP9018A	300Mbps Wireless LAN Access Point

Micronet®
Making Communication Easier



300Mbps Wireless LAN Access Point

Model No. SP9018A

- ① Fixed Antenna
- ② LED Indicator
- ③ Radio (ON/OFF)
- ④ Reset/WPS
- ⑤ 5 Port 10/100/1000M Switch
- ⑥ PoE Port
- ⑦ Power Jack

COMPANION PRODUCTS

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

Ethernet Switch
Industrial Ethernet
IP Surveillance
Wireless LAN
VDSL• ADSL and Broadband
IP Telephony
KVM Switch
Network Appliance
Structured Cabling System

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