



Micronet®
Faster and Easier Networks



Micronet SP922-500/SP922-1000

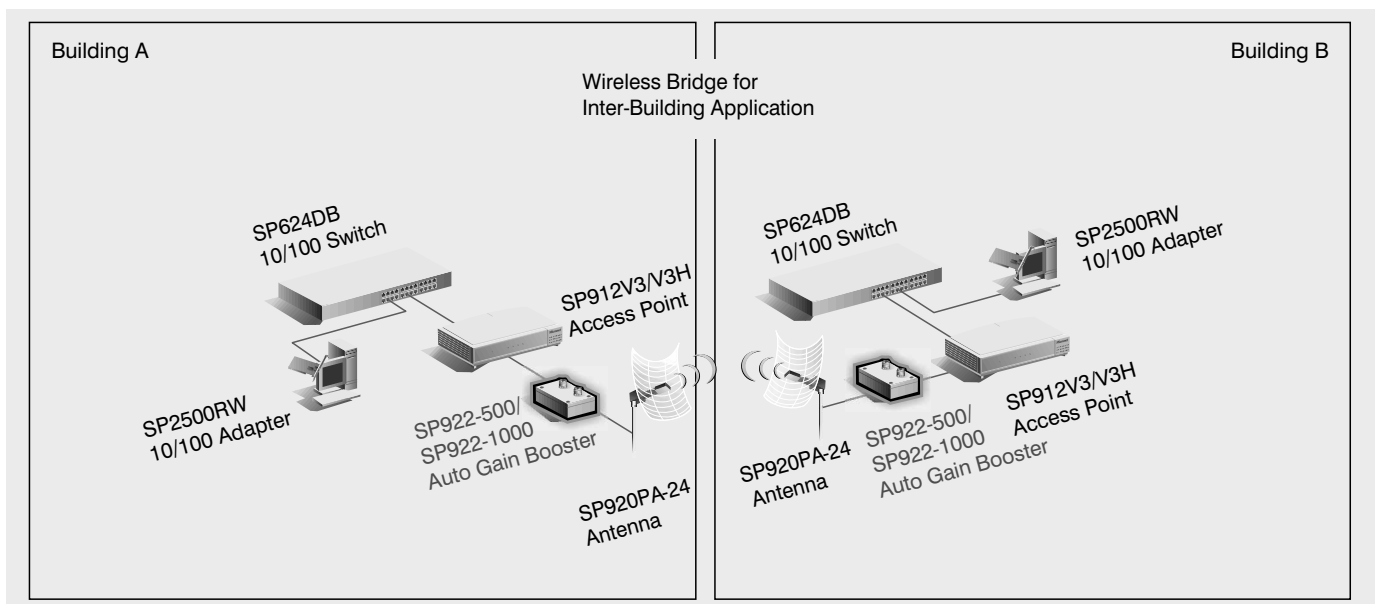
WLAN Auto Gain Booster

Experience the flexibility and mobility through the long range wireless network

Micronet SP922 series is an outdoor solution 500mW/1000mW bi-directional booster designed for 2.4GHz wireless LAN. This unit comes with an easy plug-and-play installation, which works together with an indoor Wireless Access point to improve its operation range and performance.

Key Features

- Auto adjust to 27 dBm (SP922-500) / 30 dBm (SP922-1000)
- Optimized for Micronet SP912 series Wireless Inter-Building Access Point
- Easy and simple installation
- Reduce ambient noise and provide superior signal strength
- Increase the signal range by providing transmit gain as well as low-noise receive gain



WLAN Auto Gain Booster

SPECIFICATION AND PRODUCT FEATURES

Model	SP922-500	SP922-1000
Standard	IEEE 802.11b	
Frequency Band	2.4 GHz	
Transmit Gain	27 dB	30 dB
Frequency Response	+/- 1dB over operation range	
Output Power	27dBm/500mW	30dBm/1000mW
Receiver Gain	10 dB typical	
Noise Figure	3.5dB typical	
Impedance	50 ohm	
Lightning Protection	Direct DC ground at antenna connector	
DC Surge Protection	at 5V DC input from transmission cable	
Gross Weight (g)	200	
Operating Temperature (degree C)	-20 ~ 70 °C	
Operating Humidity	up to 100% relative humidity	
Emission	CE, FCC	

The product specifications are subject to change without prior notice

ORDERING INFORMATION

Model	Description
SP922-500	WLAN Auto Gain Booster, 500mW
SP922-1000	WLAN Auto Gain Booster, 1000mW



Auto Gain Booster

- ① Connector to DC Injector
- ② Connector to Antenna

DC Injector

- ① LED Indicator
- ② SMA male connector to Access Point
- ③ PowerJack
- ④ SMA female connector to Antenna

COMPANION PRODUCTS

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

56K Modem

ADSL and Broadband

Internet Camera

ISDN TA / Router

KVM Switch

Media Converter

Network Interface Card

PCMCIA and Compact Flash

Print Server

Switch and Hub

USB Device Family

VDSL

VoIP Telephony

Wireless LAN

Wiring System

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