

Winpower WP500G Series

802.11b/g WLAN Outdoor Bridge/Hotspot

Winpower's WP500G Series are designed for high data rate and long distance outdoor bridge, which works at 2.4GHz ISM band with OFDM and DSSS technology. This Outdoor Bridge is an easy-to install, 90° sector antenna-integrated, 54 Mbps high data rate, and with backward compatibility with 11b wireless LAN solution.

Three modes are supported: Station, AP, and AP with Repeating (WDS). Customers can deploy the network much more flexible and easier due to the multiple operating modes.

WR500G Series has powerful security management because it supports WEP 64/128 bits, WEP ASCII/Hex, MAC address filter, Hidden SSID, Client Isolation and WPA-PSK encryption. All these functions make the network much more reliable.

Feature

- IEEE 802.11 g compliant
- Backward compatible with 802.11b and supports 802.11b/g mixed use
- 2400~2500 MHz unlicensed ISM Band
- Bi-directional TDD technology
- High radiated output power up to 38dBm (EIRP)
- Supports WDS system
- WEP64/128 bits, WPA-PSK encryption support.
- Automatic speed adjustment
- Support Site survey at station mode.
- Power-Over-Ethernet
- 90 degree sector antenna-integrated
- IP-68 rated Weatherproof housing

Ordering Information

Model No.	Description
WP501G	EIRP 32 dBm
WP502G	EIRP 38 dBm



Specifications

WIRELESS	
Standards	IEEE 802.11b/g
Frequency	2.4GHz ISM band
Operating Channels	FCC (11 channels), ETSI (13 channels), Japan(14 channels)
Transmit Power	up to 38dBm (EIRP)
Receive Sensitivity	-65 dBm@54Mbps -66 dBm@48Mbps -70 dBm@36Mbps -74 dBm@24Mbps -77 dBm@18Mbps -79 dBm@12Mbps
MANAGEABILITY	
Management tools	Window based, web based and telnet
Operating mode	Station / AP / AP with Repeating (WDS)
DHCP	client
Reset button	Yes
Protocol	TCP/IP, IPX/SPX, NetBEUI
SECURITY	
WEP	64/128 bits encryption, WEP ASCII/Hex
WPA	WPA-PSK
MAC Address Filter	Yes
ANTENNA	
Gain	12dBi
Beamwidth	H90 ; E17
ENVIRONMENT	
Operating Temperature	-20 ~60
Storage Temperature	-30 ~70
Humidity	5%~95% non-condensing
POWER SUPPLY	
AC 100-264V, DC 15V, 50-60HZ	
PHYSICAL	
Dimension	330 L × 120 W × 80 H ; mm
Weight	1.05 kg
WARRANTY	
1 year	

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