



*We Connect the World*



## WAP-954GP

IEEE802.11b/g 500mW Inwall Access Point W/ IEEE802.3af POE Built-in

8 Multi-SSID / VLAN

802.3af POE

WMM

Wall-Mount

PheeNet WAP-954GP IEEE802.11bg 500mW Indoor Wireless AP is designed to fit into a wall, and bring the benefits of both a RJ-45 wired connection as well as WiFi wireless connection.

The WAP-954GP can be installed and configured easily into any new wireless network or integrated within an existing wired network resulting in a more flexible and cost-effective wireless deployment. And, a network administrator can centrally manage the WAP-954GP via a Web browser or an SNMP MIB browser. With included PoE, power and data are supplied to the unit using CAT5 Ethernet cable.

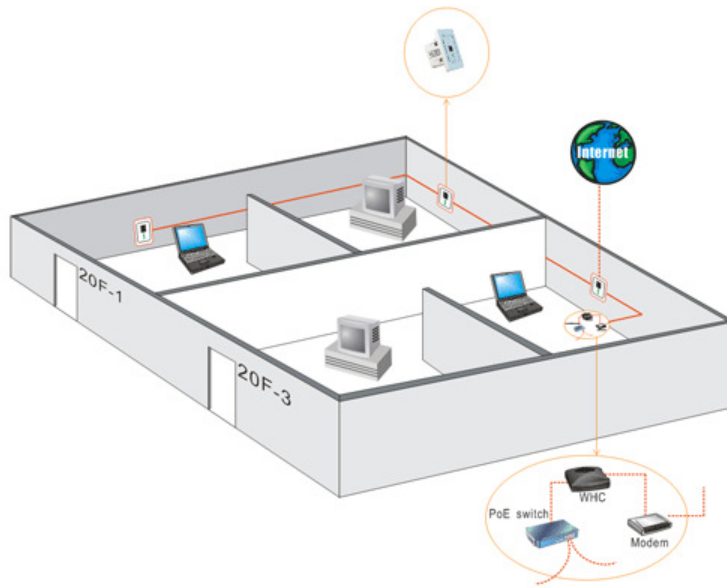
The WAP-954GP is ideal for institutions that are already wired for CAT5 and now need both a wired connection as well as a wireless solution in each room. The WAP-954GP has an RJ-45 connector on the front of the unit so a user will not lose their wired connection while obtaining a wireless connection in each room.

The WAP-954GP is compliant with the latest wireless industrial security standards that are required in those tightly secured enterprise network environments. Its Wireless Distribution System (WDS) feature allows for flexible extension of wireless coverage.

WAP-954GP 's easy-to-use web-based administrative interface make the configuration task and client management simple and straightforward. In addition, CLI and SNMP management interfaces are also supported by WAP-954GP

The built-in software interfaces of WAP-954GP has allow for communicating with other types of network management servers. When managed by backend controlling gateway, WAP-954GP can further provide enhanced values in a well managed WLAN solution.

## Application



## Features

### Wireless Features

- IEEE802.11h Transmission Power Control: 9 levels
- Channel Selection: Manual or Auto
- No of associated clients per AP : 32
- Setting for max no associated clients
- No of BSSID (VAP): 8
- No. of max WDS setting: 8
- Preamble setting : Short/Long
- Setting for transmission speed
- Dynamic wireless re-transmission
- IEEE 802.3f IAPP (Inter Access Point Protocol) , hand over users to another AP
- IEEE802.11d -Multi country roaming

### System Administration

- Web-based management UI
- Remote firmware upgrade by Web GUI
- Console management
- Backup and restore the system configuration
- Support SNMP v2c, v3, MIBII
- SNMP Traps to a list of IP number
- Support Telnet, SSH, Command Line Interface (CLI)
- Remote Link Test –Display connect statistics

## Specification

Wireless	
Standard	IEEE 802.11g IEEE 802.11b
Frequency Band	2.412 ~ 2.484GHz
Modulation	IEEE802.11b : DSSS (DBPK,DQPSK,CCK) IEEE802.11g : OFDM(64-QAM,16-QAM,QPSK,BPSK)
Security	WEP (64/128/152 Bit) WPA-PSK(AES+TKIP) / (802.1x , RADIUS) WPA2(PSK(AES+TKIP) / (802.1x , RADIUS) 802.1x (64/128 Bit) User Isolation Hidden SSID Setting for "Deny Any" connection request MAC Address Filtering (MAC ACL) IEEE802.11 mixed mode support open and shared key authentication VLAN assignment on BSSID Support VLAN tag over WDS Blocks client to client discovery within a specified VLAN for public Hotspot No. of registered RADIUS server : 2
Sensitivity	-97dBm@1Mbps -93dBm@6Mbps -89dBm@11Mbps -74dBm@54Mbps
Antenna	Built-in 3dBi Chip all-directional Antenna
Output Power	27 dBm
Transmit Power Control	9 levels
Channels	802.11b/g : 11 for FCC,14 for Japan,13 for Europe, 2 for Spain, 4 for France
Operating Mode	AP Mode WDS Mode (Bridge /Repeater)
QOS	DiffServ /TOS IEEE 802.1p /COS IEEE 802.1Q Tag VLAN priority Control IEEE 801.11e WMM

Management	Web-based administration Firmware upgrade by Web GUI Remote Link Test –Display connect statistics SNMP Traps to a list of IP number Even Log Support DHCP Client Support SNMP MIBII v2c/v3 Support Telnet Command Line Interface (CLI) NTP Time synchronization Support Statistics on total transmission encountered and transmitting error occurred
<b>Hardware</b>	
Base Platform	Atheros AR2315
Clock Speed	180MHz
Reset Switch Built-in	Push-button momentary contact switch
SDRAM	On board : 16 Mbytes
Flash	On board : 4 Mbytes
Interface	10/100BASE-TX auto-negotiation Ethernet port x 1 (RJ-45 connector) ; Auto MDI/MDI-X Support 48VDC IEEE 802.3af Active Power Over Ethernet X 1
LED	1x Power, 1x LAN, 1x WLAN
Environment	Operating Temperature:-20~50℃ Storage Temperature:-20~70℃ Humidity: 5%~90%(non condensing)
Power Supply	110 – 220V AC Power; 12 VDC, 1.5A input. Support Power Over Ethernet (48V/0.3 A) System Power Consumption: 9W
Dimensions	80(W) x 125(L) x 67(H)(mm)
Weight	185g
Certificate	FCC , CE