



WAP-654G

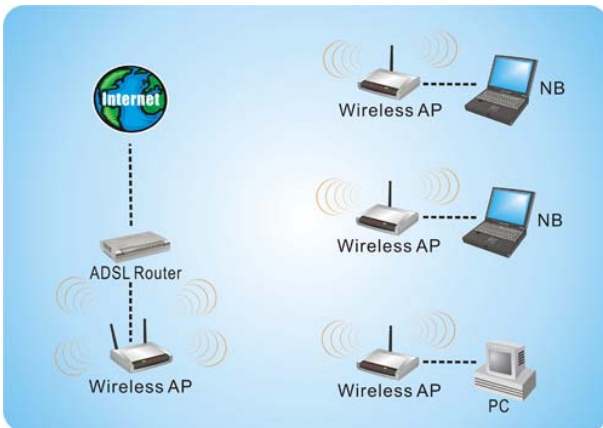
IEEE802.11g 54Mbps 200mW High Power Access Point with full functions (Client, Repeater, P2P, PMP), Detachable Antenna, W/Reverse SMA Connector,

PheeNet WAP-654G is an IEEE 802.11g 54Mbps High Power AP / Bridge with 2.4 GHz Frequency. Not only WEP Security, it also has advanced WPA, WPA2, IEEE802.1x, Disable SSID Broadcast, MAC Address filtering to ensure the security of Wireless LAN.

WAP-654G equipped with Dipole Antenna with 2dBi Gain (Reverse SMA Connector) and its High power availability 200mW enables user to build a convenient, efficient, and bigger coverage wireless network. Moreover, the WAP-654G can be set as AP, Bridge, Client, Repeater, and compatibilities of Win 98, Win2000, WinME, and Win XP operation systems provide more flexibility and mobility to users. For home users and small enterprises, it is no doubt that WAP-654G is an ideal device to build a wireless LAN network

APPLICATION

AP Client



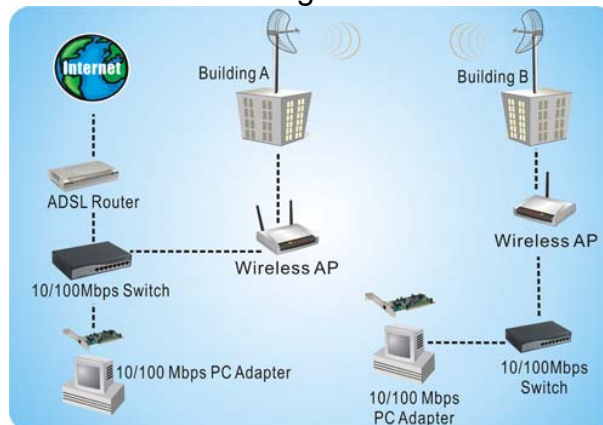
AP



Repeater



Bridge



Features

1. 6 Operation Modes : Access Point, Repeater(WDS) ,Bridge, Client Bridge, Point-To-Point, Point-To-Multi-Point
2. Support AP/Bridge Mode simultaneously
3. Fully Backwards Compatible with all 802.11b Wireless Network
4. 54Mbps, Up to 5X Faster than 802.11b Products
5. Support 200mW High Power
6. Support Power Over Ethernet
7. Wireless Distribution System(WDS) when running in Repeater mode
8. Maxmum Wireless Security with 802.1x, WPA, and AES
9. Maxmum Internet Security with IPSEC (DES,3DES,AES-128)
10. Support TPC
11. Support Signal Strength

Specification

Industrial Standard	
Standard	IEEE 802.11g IEEE 802.11b IEEE 802.11 IEEE 802.3u 100Base-TX Fast Ethernet ANSI/IEEE 802.3 N-way Auto-Negotiation
Interface	100/10 Base-TX (RJ-45) x 1
Security	- 802.1x, WEP, WPA TKIP, WPA2 AES/Mixed mode for PSK and TLS(Radius) -WDS supported with WEP, TKIP and AES encryption - Wireless access control by MAC address (deny or accept)
RF	
Frequency Band	2.412~2.472 GHz ISM band
Signal Type & Modulation	802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) 802.11b : DSSS(CCK, DQPSK, DBPSK)
Antenna	Dual detachable Antenna (Reverse SMA Connector)
Output Power	200mW
Transmit Power Variation	100%, 50%, 25%, 10%, 5%
Sensitivity	802.11b 1Mbps: -91dBm, 2Mbps: -90dBm, 5.5Mbps:-89dBm, 11Mbps:-87dBm 802.11g 6Mbps:-84dBm, 9Mbps:-82dBm, 12Mbps:-79dBm, 18Mbps:-77dBm, 24Mbps:-75dBm, 36Mbps:-73dBm, 48Mbps:-70dBm, 54Mbps:-68dBm
Channels	By Country (IEEE802.11d)
Operating Mode	AP Mode : 802.11b/g Access Point(AP)

	Repeater Mode: WDS Repeater , Universal Repeater Bridging Mode : P2P, PTMP, Client Mode : Ad-Hoc and infrastructure mode Support Radius client used in client mode Support site survey scan and manual connect Support MAC Clone
Management	Web configuration
Hardware	
Base Platform	RL8186+ RL2560 (MIPS R3000 ISA-1)
Clock Speed	200 MHz
Reset Switch Built-in	Push-button momentary contact switch
SDRAM	On board : 8Mbytes
Flash	On board : 2Mbytes
Built-In LED Indicators	Power Status always On / Blinking: while upgrading firmware Ethernet On: Blinking: Active Wireless Blinking : Active
Environment	Operating Temperature:0~50°C Storage Temperature:0~70°C Humidity: 5%~95%(non condensing)
Power Supply	12 VDC, 1A input
Dimensions	112 (L) x 73(W) x 31(H) (mm)

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