



WAP-854GP

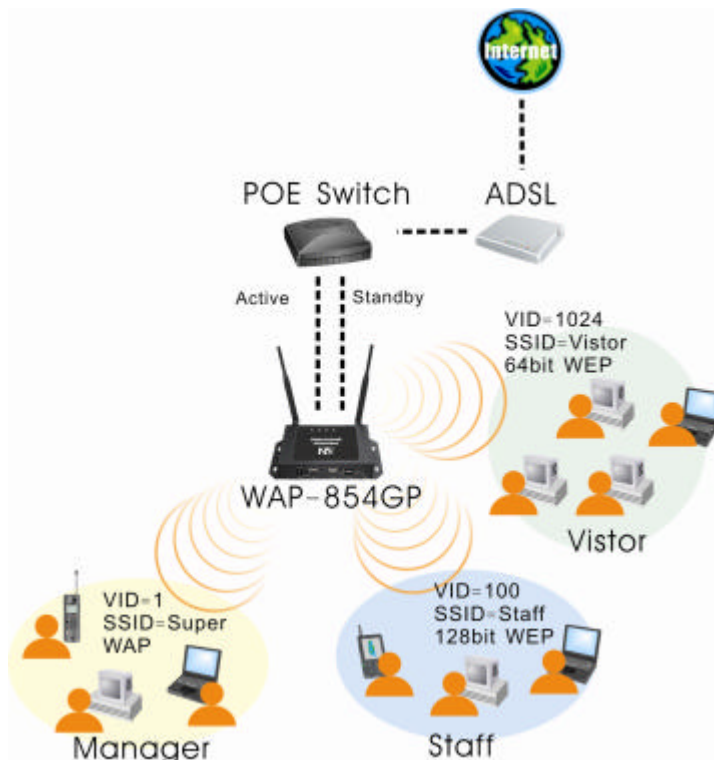
Industrial Class IEEE802.11b/g 54Mbps 100mW Access Point W/
Dual-Detachable Antenna (Reverse SMA Connector), IEEE802.3af POE
Built-in, IP50 Certificated

PheeNet WAP-854GP Aiming at the best performance/price ratio for both business and industrial applications, WAP-854GP is designed to be affordable yet fast, secured, robust, versatile and business class access point. WAP-854GP 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. The dual LAN ports, which can receive Power over Ethernet (PoE) and back up each other by failover function, give WAP-854GP reliable connectivity. Its metal case is IP50 compliant; that means WAP-854GP is well suited to the WLAN deployment in industrial environments.

WAP-854GP'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-854GP.

The built-in software interfaces of WAP-854GP has allow for communicating with other types of network management servers. When managed by backend controlling gateway, WAP-854GP can further provide enhanced values in a well managed WLAN solution.

APPLICATION



Features

1. Compatible with IEEE 802.11b and 802.11g
2. Supporting IEEE 802.1p/1Q Quality Service and IEEE801.11e Wireless Multi-Media
3. Capability of Client Isolation and Serving as Multiple Virtual Aps
4. Enterprise Class WLAN Security by Encryptions and Client Authentications
5. WDS Wireless Modes for Extending Wireless Coverage
6. Dual-PoE 802.3af LAN Fail Over
7. Multiple Administration Interfaces for Network Management
8. Antenna Diversity & Field Replaceable Antenna
9. IP50 Compliant

Specification

Industrial Standard	
Standard	IEEE 802.11g IEEE 802.11b
Interface	100/10 Base-TX (RJ-45) x 2
Security	802.1x, WEP,WPA TKIP, WPA2 AES/Mixed mode for PSK and LS(Radius) WDS supported with WEP,TKIP and AES encryption Wireless access control by MAC address (MAC ACL) EAP-TLS , EAP-TTLS , PEAP / MS-PEAP + Dynamic WEP Hidden ESSID support VLAN assignment on ESSID Rouge AP Detection
RF	
Frequency Band	2.412 ~ 2.462GHz
Signal Type & Modulation	IEEE802.11b : DSSS (DBPK,DQPSK,CCK) IEEE802.11g : OFDM(64-QAM,16-QAM,QPSK,BPSK)
Antenna	2 x 5dBi Antenna (Reverse SMA Connector)
Output Power	100mW
Transmit Power Variation	802.11g : Up to 16 dam 802.11b : up to 18 dam
Sensitivity	802.11b/g : -91dBm:1Mbps,-90dBm:2Mbps,-89dBm:5.5Mbps,-87dBm:11Mbps, -84dBm:6Mbps, -82dBm:9Mbps,-79dBm:12Mbps,-77dBm:18Mbps,-75dBm:24Mbps, -73dBm:36Mbps, -70dBm:48Mbps,-68dBm:54Mbps
Channels	802.11b/g : 11 for FCC,14 for Japan,13 for Europe, 2 for Spain, 4 for France
Operating Mode	Wireless Architecture Mode: AP mode

	WDS mode (Repeater / Bridge)
Management	QoS and Wireless Multi-Media (WMM) Capability
Hardware	
POE	Dual-PoE 802.3af LAN Fail Over
Base Platform	Atheros AR2317
Clock Speed	180MHz
Reset Switch Built-in	Push-button momentary contact switch
SDRAM	On board : 16 Mbytes
Flash	On board : 4 Mbytes
Built-In LED Indicators	1x Power 2x LAN 1x WLAN
Environment	Operating Temperature:-20~50 Storage Temperature:-20~60 Humidity: 5%~90%(non condensing)
Power Supply	110 – 220V AC Power; 12 VDC, 1.5A input. Support 802.3af Compliant , Power Over Ethernet (48V/0.3 A)
Dimensions	205(W) x 125(L) x 35(H)(mm)
Certificate	FCC , CE

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