



We Connect the World



WAP-854NP

Industrial Class IEEE802.11n 300Mbps 100mW Access Point
W/ Dual-Detachable Antenna (Reverse SMA Connector),
IEEE802.3af POE Built-in, IP50 Certificated

8 Multi-SSID / VLAN

WMM

Wall-Mount

IP 50 for Industrial usage

Dual 802.3af POE with Link Fallover

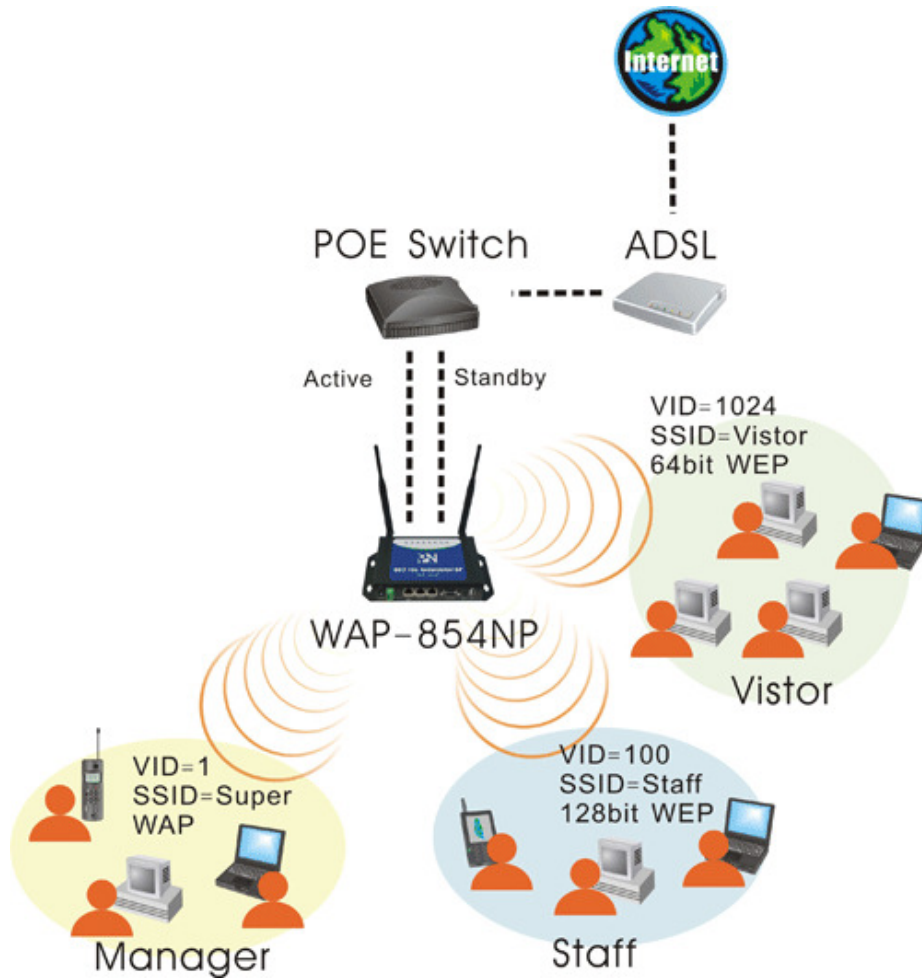
Aspiring to provide the best performance/price ratio for both SMB and industrial applications, WAP-854NP is uniquely designed for Wall Mount with metal case and IP50 rating for a fast, robust, secure and business class access point perfect for installation in factories, warehouses, hotels marinas, hospitals, large homes, hotspot and more.

WAP-854NP is compliant to the latest wireless standards that are required in highly secured enterprise networking environments. Its Wireless Distribution System (WDS) feature allows for flexible extension of wireless coverage. It can be power via three alternative methods from either the Single LAN port for Power over Ethernet (PoE), DC jack providing the ability to back up each other with failover redundancy function, giving WAP-854NP reliable connectivity in mission critical situations.

WAP-854NP is easy-to-use and install with web-based administrative interface making configuration and client management simple and easy. In addition, management interfaces such as CLI and SNMP are also supported by WAP-854NP

WAP-854NP built-in software interface allows for communicating with other types of network management servers. WAP-854NP can further provide enhanced values in a well managed WLAN solution by our backend controlling gateway.

Application



Features

Wireless Feature

- (1) Number of ESSID : 8
- (2) Number of associated clients per AP : 32
- (3) Two Mode : AP Mode , WDS Mode
- (4) WDS Mode : to extend wireless coverage by connecting wirelessly to another WDS capable AP.
Support up to 4 WDS links
- (5) Slot Time , ACK/CTS Timeout
- (6) RSSI threshold support
- (7) TX burst support
- (8) Beacon interval: adjustable to best adapt to the deployment environment
- (9) IAPP : to facilitate faster roaming for the stations among different APs nearby
- (10) 802.11n protection : to let the transmission rate of associated 802.11g and 802.11b not to be affected with surrounding existence of 802.11b stations

- (11) RTS and fragmentation control
- (12) Adjustable transmission power : 7 Levels
- (13) Wireless site survey : for scanning the surrounding access points for connection
- (14) VLAN tag support

Specification

Wireless	
Standard	IEEE 802.11n IEEE 802.11g IEEE 802.11b
Frequency Band	2.4GHz
Modulation	IEEE802.11b : DSSS (DBPK,DQPSK,CCK) IEEE802.11g : OFDM(64-QAM,16-QAM,QPSK,BPSK) IEEE802.11n : BPSK,QPSK,QPSK,16-QAM,64-QAM
Security	<ul style="list-style-type: none"> - Data encryption: WEP(64/128/152-bits) , WPA/WPA2 with TKIP or AES-CCMP - User Authentication : WEP, IEEE802.1X,WPA-PSK, WPA-Enterprise , MAC ACL - Setting for TKIP/CCMP/AES key's refreshing period - Support IEEE802.11 mixed mode, open and shared key authentication - Hidden ESSID: broadcast SSID option can be turn off to prevent SSID broadcast to the public - Station Isolation setting : when enabled , all stations associated with this AP can not communicate with each other - Support data encryption over WDS link
Sensitivity	-92dBm
Antenna	2 X 5dBi Antenna (Reverse SMA Connector)
Output Power	100 dBm
Transmit Power Control	7 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, Suslog Client Support SNMP MIBII v2c/v3 Command Line Interface (CLI) NTP Time synchronization Support Statistics on total transmission encountered and transmitting error occurred
Hardware	
Base Platform	Atheros AR7240 + AR9283
Clock Speed	400MHz
Reset Switch Built-in	Push-button momentary contact switch
SDRAM	On board : 32 Mbytes
Flash	On board : 8 Mbytes
Interface	10/100BASE-TX auto-negotiation Ethernet port x 2 (RJ-45 connector) ; Auto MDI/MDI-X Support 48VDC IEEE 802.3af Active Power Over Ethernet X 2
LED	1x Power, 2x LAN
Environment	Operating Temperature:-20~50°C Storage Temperature:-20~60°C Humidity: 5%~90%(non condensing)
Power Supply	110 – 220V AC Power; 12 VDC, 1.5A input. Support 802.3 af Compliant Power Over Ethernet (48V/0.3 A) System Power Consumption: 9W
Dimensions	205(W) x 125(L) x 35(H)(mm)
Weight	600g
Certificate	FCC , CE, IP50,RoHS