

AWAP601HW

802.11g/b Wireless LAN PoE Access Point

1W High-Power



IEEE 802.11g/b Wireless LAN Access Point

Acting as a bridge between the wired Ethernet and the 2.4GHz IEEE 802.11g/b wireless LAN, this wireless LAN access point can let your wireless LAN client stations access both the wired and the wireless network nodes.

WDS Bridge Mode (Repeater Mode)

The WDS (Wireless Distributed System) function lets this access point act as an wireless LAN access point and repeater at the same time. Users can use this feature to build up a large wireless network in a large space like airports, hotels and schools ...etc. This feature is also useful when users want to bridge networks between buildings where it is impossible to deploy network cable connections between these buildings.

Station Mode (AP Client Mode)

By setting this access point into station mode and connecting to a network device's Ethernet port, it can let a network device that originally only supports wired Ethernet access the wireless LAN easily without changing any configuration.

Robust Wireless LAN Security

Except for the basic security control by using ESSID and 64/128 bit key length WEP encryption, this access point also supports the advanced security features, like MAC access control and hide ESSID. It provides a total solution for you to build up a secure wireless LAN network environment that can prevent from all kinds of hacker intrusion.

RP-SMA Detachable Antenna

This access point provides a standard RP-SMA antenna connector that can let you apply all kinds of high gain antennas. This can help you enlarge your wireless LAN coverage.

Web Configuration

You can configure this access point through the friendly Web user interface with a browser.

FEATURES

- High data rate up to 54Mbps network speed
- High Output power 1W
- Auto rate fallback in case of obstacles or interferences
- Supports WPA / WPA2 security enhanced function
- Supports WDS(Wireless Distributed System) bridge mode
- Provides station mode to act as a wireless LAN client station
- Supports roaming link integrity
- Supports authentication for wireless connectivity based on ESSID
- Provides 64/128 bit key length WEP data encryption
- Support 18V PoE

SPECIFICATION

Standard	802.11b/g(Wireless), 802.3(10BaseT), 802.3u(100BaseT)
Data Transfer Rate	54Mbps(Wireless), 100Mbps(Ethernet)
Modulation Method	CCK (802.11b), OFDM (802.11g)
Frequency Band	2.4GHz – 2.497GHz ISM Band, DSSS
Output Power	27dBm@OFDM , 30dBm@CCK
Available transmit power (Typical)	30dBm @1, 2, 5.5 and 11Mbps 29dBm@6, 9, 12and 18Mbps 28dBm@24, 36Mbps 27dBm@48, 54Mbps
Receiver Sensitivity	802.11b -82 dBm@8%, 802.11g -66 dBm@10%
Antenna	2dBi RP-SMA Detachable Antenna
Security	64 bit/128 bit WEP, WPA, WPA2,
Power	Input : 100~240V Output : 18V 1.0A
Flash	2MB, SDRAM : 8MB
Channel	USA 11, Europe 13, Japan 14
Sensitivity for 802.11b	1, 2 Mbps (BPSK, QPSK): - 90 dBm / 5.5 Mbps (CCK): - 86 dBm 11 Mbps (CCK): -82 dBm / (typically @PER < 8% packet size 1024 and @25°C + 5°C)
Sensitivity for 802.11g	54Mbps (64QAM): -66dbm ,48Mbps (64QAM): -71dbm 36Mbps (16QAM): -79dbm ,24Mbps (16QAM): -80dbm 18Mbps (QPSK): -81dbm , 12Mbps (QPSK): -82dbm 9Mbps(BPSK): -85dbm , 6Mbps (BPSK): -87dbm (typically @PER < 10% packet size 1024 and @25°C + 5°C)
Humidity	10-90% maximum (non-condensing)
Dimension	135x93x30 mm (LxWxH)