

In-Wall Wireless Access Point - Wireless-N - PoE

Product ID: AP300WN2X2W



This in-wall access point provides network and internet availability for both wired and wireless users. The sleek in-wall design with PoE enables you to use your existing CAT5 infrastructure to easily replace your standard RJ45 jacks, adding the benefits of dual LAN ports and Wireless-N connectivity.

This access point can be discretely integrated into any room where internet or network access is required. The wireless AP installs into any standard 1-gang receptacle box and features an elegant design for a seamless integration into any modern space. The sleek design ensures a tidy professional installation that is perfect for hotel rooms, hospitals, offices and schools.

The wireless access point is powered using Power over Ethernet to conveniently connect both data and power using an 802.3af PoE switch or injector, avoiding the hassle of in-wall power or external power adapters. The access point offers two front RJ45 Ethernet ports, with the first operating over the PoE connection and the second offering a transparent pass-through port that can be used for either a phone connection or a secondary LAN drop. The easy to incorporate nature of this AP is ideal for system integrators when planing the construction phase of schools, offices or residential buildings.

For fast performance the wireless AP is compatible with 802.11b/g/n standard supporting wireless data rates up to 300 Mbps on the 2.4GHz frequency. For a secure connection the access point supports WEP, WPA, and WPA2 authentication. The device also incorporates an easy-to-use web-based utility to provide several customization options such as multiple SSIDs, remote firmware upgrades and event reporting.

The AP300WN2X2W is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Use your existing CAT5 infrastructure to easily replace standard single Ethernet ports with dual jack RJ45 while expanding your wireless network connectivity
- Discretely add a wireless hotspot to schools, offices or hotels allowing employees, students or customers wireless access
- Create an indoor Wireless-N access point from an existing wired connection to eliminate network dead zones and allow wireless devices to connect

Features

- Sleek and discreet installation with standard in-wall design
- Hassle-free integration with support for PoE
- Fast, secure and reliable network connectivity, with Wireless-N
- WEP, WPA and WPA2 security with TKIP/AES encryption
- Internal 2.3dBi 2T2R antenna with adjustable output power
- Built-in configuration utility (web-based)

Hardware

Warranty	2 Years
Interface	Wireless Ethernet
Antenna Configuration	2x2:2 (TxR:S)
Industry Standards	IEEE 802.3, IEEE 802.3u IEEE 802.11b/g/n IEEE 802.3af
Chipset ID	Mediatek - MT7620n

Performance

Maximum Data Transfer Rate	300 Mbps
Max Distance	10m [33ft]
Bandwidth	20/40MHz

Full Duplex Support	Yes
Frequency Range	2.412 - 2.472GHz
Modulation	DSSS (CCK, DQPSK, DBPSK), OFDM (64QAM, 16QAM, QPSK, BPSK)
Security Features	WEP Data Encryption
	WPA Data Encryption
	TKIP/AES
Supported Protocols	CSMA/CA

Connector(s)

Connector Type(s)	1 - Wireless N (IEEE 802.11n)
Internal Ports	2 - RJ-45
External Ports	2 - RJ-45

Special Notes / Requirements

System and Cable Requirements	802.3af / at compatible PoE Switch or Injector
	Cat 5e (or better) Ethernet cabling from PoE switch to the AccessPoint
	1-gang receptacle box

Indicators

LED Indicators	1 - Power
	1 - System
	1 - WAN Link / Act
	1 - LAN Link / Act
	1 - WLAN Link / Act

Environmental

Operating Temperature	0C to 50C (32F to 122F)
Storage Temperature	-10C to 60C (14F to 140F)
Humidity	20~90% RH (Non-Condensing)

Physical Characteristics

Color	White
Material	Plastic
Product Length	2.8 in [72.0 mm]
Product Width	1.5 in [3.9 cm]
Product Height	2.2 in [5.5 cm]
Weight of Product	3.0 oz [84.0 g]

Packaging Information

Package Quantity	1
Package Length	8.3 in [21.2 cm]
Package Width	6.5 in [16.6 cm]
Package Height	3.0 in [76.0 mm]
Shipping (Package) Weight	10.9 oz [310.0 g]

What's in the Box

Included in Package	1 - In-Wall Access Point
	1 - Faceplate (US / JP)
	1 - Frame for Faceplate (Rectangular)
	2 - Screws
	2 - Washers
	1 - Quick Start Guide
	1 - Instruction Manual CD

Warranty Information

Warranty	2 Years
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****Product appearance and specifications are subject to change without notice.***