

## In-wall wireless access point - Wireless-N - PoE

Product ID: AP300WN22WUE



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.

### Sleek and discreet with in-wall design

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.

## **Hassle-free installation with PoE**

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.

## **Fast, secure and reliable with support for wireless-N**

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 AP300WN22WUE 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)

<b>Hardware</b>	Warranty	2 Years
	Antenna Configuration	2x2:2 (TxR:S)
	Chipset ID	Mediatek - MT7620n
	Industry Standards	IEEE 802.3, IEEE 802.3u IEEE 802.11b/g/n IEEE 802.3af
	Interface	Wireless Ethernet
<b>Performance</b>	Bandwidth	20/40MHz
	Frequency Range	2.412 - 2.472GHz
	Full Duplex Support	Yes
	Max Distance	10 m / 33 ft
	Maximum Data Transfer Rate	300 Mbps
	Modulation	DSSS (CCK, DQPSK, DBPSK), OFDM (64QAM, 16QAM, QPSK, BPSK)
	Security Features	WEP Data Encryption WPA Data Encryption TKIP/AES
	Supported Protocols	CSMA/CA
<b>Connector(s)</b>	Connector Type(s)	1 - Wireless N (IEEE 802.11n)
	External Ports	2 - RJ-45 Female
	Internal Ports	2 - RJ-45 Female
<b>Special Notes / Requirements</b>	System and Cable Requirements	802.3af / at compatible PoE Switch or Injector  Cat 5e (or better) Ethernet cabling from PoE switch to the Access Point  1-gang receptacle box
<b>Indicators</b>	LED Indicators	1 - Power  1 - System  1 - WAN Link / Act  1 - LAN Link / Act  1 - WLAN Link / Act
<b>Environmental</b>	Humidity	20~90% RH (Non-Condensing)
	Operating Temperature	0°C to 50°C (32°F to 122°F)
	Storage Temperature	-10°C to 60°C (14°F to 140°F)

<b>Physical Characteristics</b>	Color	White
	Enclosure Type	Plastic
	Product Height	29 mm [1.1 in]
	Product Length	70 mm [2.8 in]
	Product Weight	82 g [2.9 oz]
	Product Width	55 mm [2.2 in]
<b>Packaging Information</b>	Shipping (Package) Weight	293 g [10.3 oz]
<b>What's in the Box</b>	Included in Package	1 - In-Wall Access Point
		1 - Faceplate (UK / EU)
		1 - Frame for Faceplate (Square)
		1 - Mounting Cage
		2 - Screws
		2 - Washers
		1 - Quick Start Guide
		1 - Instruction Manual CD

Product appearance and specifications are subject to change without notice.