

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)

Hardware	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
Performance	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	
Connector(s)	Connector Type(s)	1 - Wireless N (IEEE 802.11n)
	External Ports	2 - RJ-45 Female
	Internal Ports	2 - RJ-45 Female
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 Access Point
		1-gang receptacle box
Indicators	LED Indicators	1 - Power
		1 - System
		1 - WAN Link / Act
		1 - LAN Link / Act
		1 - WLAN Link / Act
Environmental	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)

Physical Characteristics	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]
Packaging Information	Shipping (Package) Weight	293 g [10.3 oz]
What's in the Box	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.