

Outdoor 150 Mbps 1T1R Wireless-N Access Point - 2.4GHz 802.11b/g/n PoE-Powered WiFi AP

Product ID: AP150WN1X10D



The AP150WN1X10D Outdoor Wireless Access Point lets you create a long-range 150Mbps Wireless-N network outdoors, through a wired network connection, providing wireless connectivity for mobile devices such as Smartphones, tablets, and laptops.

This PoE-powered access point comes complete with a PoE Injector, so it can be conveniently installed in locations where a typical power outlet is unavailable. For versatile outdoor installation, the weather-resistant housing is pole and wall-mountable.

The AP offers an internal 1T1R 12dBi directional antenna with adjustable output strength to suit your required coverage area. The access point also integrates an optional RP-SMA connection so you can attach an external antenna and a secondary LAN port to connect to an additional wired network device, if needed.

Supporting wireless data rates up to 150Mbps on the 2.4GHz frequency, the high-performance wireless AP is compatible with 802.11b/g/n devices and offers support for WEP, WPA, and WPA2 authentication. The wireless access point incorporates an easy-to-use web-based utility to provide several customization options such as multiple SSIDs, remote firmware upgrades and Wireless Distribution System (WDS) mode support which can mesh multiple APs together to cover larger areas.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Create an outdoor Wireless-N access point from an existing wired connection to eliminate network dead spots and allow wireless devices to connect across large open spaces
- Use WDS (Wireless Distribution System) to mesh multiple Access Points together

Features

- Weather-resistant pole and wall-mountable housing
- PoE-powered access point with included PoE injector
- Supports a maximum range of up to 3km
- Compliant with IEEE 802.11n (Wireless-N), with up to 150Mbps of data bandwidth
- Backward compatible with IEEE 802.11b/g WiFi networks
- Supports WEP, WPA and WPA2 wireless authentication
- Internal 12dBi 1T1R antenna with adjustable output power
- Optional external RP-SMA antenna connector
- Secondary LAN Port to connect an additional network device
- Broadcast up to two Wireless SSIDs
- Built-in configuration utility (web-based)

Hardware	Warranty	2 Years
	Antenna Configuration	1x1:1 (TxR:S)
	Chipset ID	Realtek - RTL8196C
	Industry Standards	IEEE 802.3, IEEE 802.3u IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
	Interface	Wireless Ethernet
Performance	Bandwidth	20/40 MHz
	Frequency Range	2.400 ~ 2.484 GHz
	Max Distance	3 km (1.86 mi)
	Maximum Clients	16
	Maximum Data Transfer Rate	150 Mbps
	Security Features	TKIP/AES
		WEP Data Encryption
WPA and WPA2-PSK Data Encryption WPA and WPA2 Enterprise Data Encryption		
Supported Protocols	CSMA/CA	
Connector(s)	Internal Ports	1 - RP-SMA (Coax, Reverse Polarity SubMiniature A) Female
		2 - RJ-45 Female
Special Notes / Requirements	System and Cable Requirements	Available indoor AC electrical outlet Cat 5 (or better) network cabling from PoE Injector to Wireless AP and PoE Injector to LAN Switch/router (no more than 100m total)
	LED Indicators	1 - LAN Link/Activity 1 - PoE Link/Activity 1 - Power 1 - Wireless Link/Activity
Power	Center Tip Polarity	Positive
	Input Current	0.3 A
	Input Voltage	100 ~ 240 AC
	Output Current	1 A
	Output Voltage	12 DC
	Plug Type	M

	Power Consumption (In Watts)	12
	Power Source	AC Adapter Included
Environmental	Humidity	10~90% RH
	Operating Temperature	0°C to 70°C (32°F to 122°F)
	Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Physical Characteristics	Color	White
	Enclosure Type	Plastic
	Product Height	2.3 in [59 mm]
	Product Length	11.5 in [29.2 cm]
	Product Width	3.6 in [92 mm]
	Weight of Product	12.1 oz [344 g]
Packaging Information	Package Height	3.6 in [92 mm]
	Package Length	4.6 in [11.7 cm]
	Package Quantity	1
	Package Width	13.3 in [33.8 cm]
	Shipping (Package) Weight	24.5 oz [693 g]
What's in the Box	Included in Package	1 - Outdoor Access Point 1 - PoE Injector 1 - Metal Hose Clamp 1 - Power Adapter 1 - Instruction Manual CD

Product appearance and specifications are subject to change without notice.