

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

Product ID: AP150WN1X1OE



The AP150WN1X1OE 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
- 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
Interface	Wireless Ethernet
Antenna Configuration	1x1:1 (TxR:S)
Industry Standards	IEEE 802.3, IEEE 802.3u IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
Chipset ID	Realtek - RTL8196C

Performance

Maximum Data Transfer Rate	150 Mbps
Bandwidth	20/40 MHz
Frequency Range	2.400 ~ 2.484 GHz
Security Features	WEP Data Encryption TKIP/AES WPA and WPA2-PSK Data Encryption



WPA and WPA2 Enterprise Data Encryption

Supported Protocols CSMA/CA

Connector(s)

Internal Ports RJ-45
RP-SMA (Coax, Reverse Polarity SubMiniature A)

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 Injectorto LAN Switch/router (no more than 100m total)

Indicators

LED Indicators Power
PoE Link/Activity
Wireless Link/Activity
LAN Link/Activity

Power

Power Source AC Adapter Included
Input Voltage 100 - 240 AC
Input Current 0.3 A
Output Voltage 12V DC
Output Current 1 A
Center Tip Polarity Positive
Plug Type M
Power Consumption (In Watts) 12

Environmental

Operating Temperature 0C to 70C (32F to 122F)



Storage Temperature -20C to 70C (-4F to 158F)

Humidity 10~90% RH

Physical Characteristics

Color White

Material Plastic

Product Length 11.5 in [29.2 cm]

Product Width 3.6 in [92 mm]

Product Height 2.3 in [59 mm]

Weight of Product 12.2 oz [345 g]

Packaging Information

Package Quantity 1

Package Length 4.6 in [11.7 cm]

Package Width 13.2 in [33.5 cm]

Package Height 3.7 in [93 mm]

Shipping (Package) Weight 24.4 oz [692 g]

What's in the Box

Included in Package

- Outdoor Access Point
- PoE Injector
- Metal Hose Clamp
- Power Adapter
- Instruction Manual CD

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

