

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

**Product ID:** AP150WN1X1OD



The AP150WN1X1OD 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
- Backward compatible with IEEE 802.11b/g WiFi networks
- Compliant with IEEE 802.11n (Wireless-N), with up to 150Mbps of data bandwidth
- 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
Max Distance	3 km (1.86 mi)
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

General Specifications Maximum Clients: 16

Supported Protocols CSMA/CA

**Connector(s)**

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

**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  
LAN Link/Activity  
Wireless 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 12



Watts)

---

**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 [92.0 mm]
Product Height	2.3 in [59.0 mm]
Weight of Product	12.1 oz [344.0 g]

---

**Packaging Information**

Package Quantity	1
Package Length	4.6 in [11.7 cm]
Package Width	13.3 in [33.8 cm]
Package Height	3.6 in [92.0 mm]
Shipping (Package) Weight	24.5 oz [693.0 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.*