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

StarTech ID: AP150WN1X1OG

The AP150WN1X1OG 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.

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)

Technical Specifications

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
Internal Ports	1 - RP-SMA (Coax; Reverse Polarity SubMiniature A) Female
Internal Ports	2 - RJ-45 Female
Bandwidth	20/40 MHz
Frequency Range	2.400 ~ 2.484 GHz
Maximum Data Transfer Rate	150 Mbps
Security Features	TKIP/AES
Security Features	WEP Data Encryption
Security Features	WPA Data Encryption
Supported Protocols	CSMA/CA
Color	White
Enclosure Type	Plastic
Product Height	2.3 in [59 mm]
Product Length	11.5 in [291 mm]
Product Weight	12 oz [340 g]
Product Width	3.6 in [92 mm]
LED Indicators	1 - LAN Link/Activity
LED Indicators	1 - PoE Link/Activity
LED Indicators	1 - Power
LED Indicators	1 - Wireless Link/Activity
Center Tip Polarity	Positive
Input Current	0.3 A
Input Voltage	100~240V
Output Current	1 A
Output Voltage	12 DC
Plug Type	M
Power Adapter Included	Yes
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)
System and Cable	Available indoor AC electrical outlet

Requirements

System and Cable Requirements	Cat 5 (or better) network cabling from PoE Injector to Wireless AP and PoE Injector to LAN Switch/router (no more than 100m total)
Package Quantity	1
Shipping (Package) Weight	24.4 oz [690 g]
Included in Package	1 - Outdoor Access Point
Included in Package	1 - PoE Injector
Included in Package	1 - Metal Hose Clamp
Included in Package	1 - Power Adapter
Included in Package	1 - Instruction Manual CD

Certifications, Reports and Compatibility

C E

FC

RoHS Compliant
Available