

IP67 Certified 2T2R 2.4GHz Outdoor Wireless-N Access Point - PoE-Powered 300 Mbps 802.11b/g/n WiFi AP

Product ID: R300WN22ODG



The R300WN22ODG Outdoor Wireless Access Point lets you add 2.4GHz Wireless-N network coverage to an outdoor area, through a ruggedized industrial access point.

This outdoor access point features an IP67 certified, die-cast metal enclosure with heavy-duty cable grommets so it can withstand the outdoor elements and offers pole and wall-mounting options. Plus, the PoE-powered AP includes a passive Power-over-Ethernet injector, enabling you to install it in locations where a typical power outlet is unavailable. PoE pass-through via the secondary LAN port lets you connect data and power to a PoE-capable device near the access point.

For optimal wireless coverage, the AP broadcasts a signal through a high-powered 800mW internal 10dBi 2T2R antenna, with 802.11b/g/n compatibility to easily connect most wireless devices new or old.

The device offers support for several different operating modes (AP, WDS and WISP), which help you to create a wireless network from a wired connection, bridge multiple APs together or extend the range of an existing wireless network. The AP supports Wireless-N data rates up to 300Mbps with security through WEP, WPA, or WPA2 authentication, all configurable through an easy-to-use web-based utility.

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 or wireless 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
- Connect smartphones, tablets or laptops to a Wireless B/G/N access point
- Use the secondary LAN port to deploy remote PoE-Powered devices such as switches or IP cameras

Features

- IEEE 802.11b/g/n (Wireless-N) compliant with speeds up to 300 Mbps @ 2.4GHz
- Metal, IP67 certified pole and wall-mountable housing
- PoE-powered access point with included PoE injector and PoE pass-through
- Supports AP, WDS and WISP operating modes
- 800mW internal 10dBi 2T2R antenna
- Supports WEP, WPA and WPA2 security with TKIP/AES encryption
- Integrated MAC address control and QoS support
- Built-in configuration utility (web-based)
- +/-15kV air and +/-8kV contact ESD (Electrostatic Discharge) Protection

Hardware	Warranty	2 Years
	Antenna Configuration	2x2:2 (TxR:S)
	Chipset ID	Atheros - AR9341
	Industry Standards	IEEE 802.3, IEEE 802.3u IEEE 802.11b/g/n
		IP67 certified
	Interface	Wireless Ethernet
Performance	Bandwidth	20/40 MHz
	Frequency Range	2.4 ~ 2.4835 GHz
	Full Duplex Support	Yes
	Max Distance	3.7 km (2.3 mi)
	Maximum Data Transfer Rate	300 Mbps
	Modulation	OFDM, DSSS
	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)	Connector Type(s)	1 - Wireless N (IEEE 802.11n)
	Internal Ports	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)
Indicators	LED Indicators	3 - Wireless Signal Strength
		1 - Power
		2 - LAN Link / Activity
Power	Center Tip Polarity	Positive
	Input Current	1 A
	Input Voltage	100 - 240 AC
	Output Current	0.5 A
	Output Voltage	48 DC
	Plug Type	N

	Power Consumption (In Watts)	13.5
	Power Source	AC Adapter Included
Environmental	Humidity	100% RH Non-Condensing
	Operating Temperature	-30°C to 60°C (-22°F to 140°F)
	Storage Temperature	-30°C to 85°C (-22°F to 185°F)
Physical Characteristics	Color	Gray
	Enclosure Type	Aluminum and Plastic
	Product Height	5.8 cm [2.3 in]
	Product Length	16.1 cm [6.3 in]
	Product Width	10 cm [3.9 in]
	Weight of Product	686 g [24.2 oz]
Packaging Information	Package Height	86 mm [3.4 in]
	Package Length	35.5 cm [14 in]
	Package Width	21.2 cm [8.3 in]
	Shipping (Package) Weight	1.2 kg [2.8 lb]
What's in the Box	Included in Package	1 - Outdoor Wireless Access Point
		1 - PoE Injector
		1 - Pole Mounting Kit
		1 - Power Adapter
		1 - Quick Start Guide

Product appearance and specifications are subject to change without notice.