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

StarTech 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.

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

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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

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Technical Specifications

InterfaceWireless EthemetAntena Configuration>2x2: (TxR: S)Industry StandardsIPEG 2001/EEE 802.31 IEEE 802.11 Ib/g/nIndustry StandardsIPEG 2001/EEE 802.11 Ib/g/nChipset IDAtheros - AR9341Concetor Type(s)1 - Wireless N (IEEE 802.11 n)Internal Ports2 - RJ-45 FemaleMaximum Data300 MbpsTransfer Rate300 MbpFill Duplex SupportYesFill Duplex Support24-2 4835 GHzFrequency Range24-2 4835 GHzSecurity FeaturesTKIP/AESSecurity FeaturesVKP Data EncryptionSecurity FeaturesVKP Data EncryptionSecurity FeaturesCSMA/CASystem and CableAsile indoor AC electrical outletRequirementsSwitch/router (no more than 100m total)ColorGam [3.8 in]Product Weight49 min(1.9 in]Product Weight49 min(2.9 in]Product Weight49 min(2.9 in]Product Weight3 - Wireless Signal StrengthLED Indicators3 - Wireless Signal StrengthLED Indicators1 - NowerLED Indicators1 - Nower <th>Warranty</th> <th>2 Years</th>	Warranty	2 Years
Industry StandardsIEEE 802.3, IEEE 802.3u IEEE 802.11b/g/nIndustry StandardsIP67 certifiedChipset IDAtheros - AR9341Connector Type(s)1 - Wireless N (IEEE 802.11n)Internal Ports2 - RJ-45 FemaleMaximum Data300 MbpsTransfer Rate-Max Distance3.7 km (2.3 mi)Bandwidth20/40 MHzFull Duplex SupportYesFrequency Range2.4 ~ 2.4835 GHzModulationOFDM, DSSSSecurity FeaturesWP2 Data EncryptionSecurity FeaturesWP2 Data EncryptionSupported ProtocolsCSMA/CASystem and CableAvailable indoor AC electrical outletRequirementsSwitch/router (no more than 100m total)ColorGrayEnclosure Type40 mm [1.9 in]Product Width96 mm [3.8 in]Product Width820 g[28.9 oz]LED Indicators3 - Vireless Signal StrengthLED Indicators2 - VAN Link / ActivityPower SourceAC Adapter IncludedInput Voltage10 ~ 240 AC	Interface	Wireless Ethernet
Industry StandardsIP67 certifiedChipset IDAtheros - AR9341Connector Type(s)1 - Vireless N (IEEE 802.11n)Internal Ports2 - RJ-45 FenaleMaximum Data300 MbpsTransfer Rate3.7 km (2.3 mi)Bandwidth20/40 MHzFull Duplex SupportYesFrequency Range2.4 ~ 2.4835 GHzModulationOFDM, DSSSSecurity FeaturesWEP Data EncryptionSecurity FeaturesWEP Data EncryptionSupported ProtocolsCSMA/CASystem and CableAvailable indoor AC electrical outletRequirementsSwitch/router (no more than 100m total)ColorGrayEnclosure TypeAluminum and PlasticProduct Height49 mm [1.5 in]Product Height82 g [28.9 oz]LED Indicators3 - Vireless Signal StrengthLED Indicators1 - PowerLED Indicators2 - LAN Link / ActivityPower SourceAC Adapter IncludedInput Voltage10 ~ 240 AC	Antenna Configuration	2x2:2 (TxR:S)
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LED Indicators2 - LAN Link / ActivityPower SourceAC Adapter IncludedInput Voltage100 ~ 240 AC	LED Indicators	3 - Wireless Signal Strength
Power SourceAC Adapter IncludedInput Voltage100 ~ 240 AC	LED Indicators	1 - Power
Input Voltage 100 ~ 240 AC	LED Indicators	2 - LAN Link / Activity
	Power Source	AC Adapter Included
Input Current 1 A	Input Voltage	100 ~ 240 AC
	Input Current	1 A

Output Voltage	48 DC
Output Current	0.5 A
Center Tip Polarity	Positive
Plug Type	Ν
Power Consumption	13.5 Watts max
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Storage Temperature	-30°C to 85°C (-22°F to 185°F)
Humidity	100% RH Non-Condensing
Shipping (Package) Weight	1060 g [37.4 oz]
Included in Package	1 - Outdoor Wireless Access Point
Included in Package	1 - PoE Injector
Included in Package	1 - Pole Mounting Kit
Included in Package	1 - Power Adapter
Included in Package	1 - Quick Start Guide

Certifications, Reports and Compatibility



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