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Overview

The RUCKUS 901-T301-WW61, a dual-band 802.11ac outdoor access point (AP), is designed explicitly for high density user environments such as stadiums, arenas, train stations, convention centers, and major metro areas. The T301 is the only 802.11ac access point on the market to integrate Ruckus patented technologies for enhancing WLAN capacity in challenging high density applications.

Quick Specs

Table1 shows the Quick Specs.

| | |
|---------------------------------|---|
| SKU | 901-T301-WW61 |
| Power | 802.3af PoE Input (Class 3 PD) |
| Mounting Options | Wall Mount Pole Mount Diameter 1" to 2.5" |
| BSSID | Up to 32 (27 configurable) on 2.4 GHz Up to 16 (13 configurable) on 5 GHz |
| WiFi Standards | 5 GHz IEEE 802.11ac 2GHz IEEE 802.11g/n |
| Environmental Conditions | Operating temperature range: -20°C to 55° C Weather protection: IP67 per IEC 60529 |
| Degree Sector Coverage | 30x30 degree |

Product Details

RUCKUS -901-T301-WW61 has these benefits:

(1)High speed client performance with integrated adaptive antennas

Patented BeamFlex technology greatly improves connection reliability and increases WLAN capacity.

(2)Light, slim design for easy deployment

Compact, lightweight design with integrated antennas provide flexible deployment options with quick and easy installation.

(3)Highly Scalable

The ability to cost effectively scale high density networks.

(4)Predictive channel selection for increased capacity and reduced interference

ChannelFly automatically selects the best performing channel based on statistical, real-time capacity analysis of all RF channels.

(5)Standard 802.3af power

Easy installation using standard 802.3af PoE switches or PoE injectors.

(6)Unmatched Wi-Fi capacity and reliability

BeamFlex delivers up to 4 dB of added signal gain and up to 10dB of interference mitigation.

(7)Enhanced receive capabilities

Support for signal polarization diversity with maximal ratio combining (PD-MRC) ensures reliable connectivity for mobile devices.

Compare to Similar Items

Table 2 shows the comparison.

| | | |
|---------------------|--------------------------------|--------------------------------|
| Product Name | 901-T301-WW61 | 901-T301-WW51 |
| Power | 802.3af PoE Input (Class 3 PD) | 802.3af PoE Input (Class 3 PD) |

| | | |
|----------------------------------|--|--|
| Mounting Options | Wall Mount Pole Mount Diameter 1" to 2.5" | Wall Mount Pole Mount Diameter 1" to 2.5" |
| Physical Size | 18 cm (L) x 15 cm (W) x 8.6 cm (H) | 18 cm (L) x 15 cm (W) x 8.6 cm (H) |
| WiFi Standards | 5 GHz IEEE 802.11ac 2GHz IEEE 802.11g/n | 5 GHz IEEE 802.11ac 2GHz IEEE 802.11g/n |
| Simultaneous VoIP Clients | Up to 30 | Up to 30 |
| Degree Sector Coverage | 30x30 degree | 30x120 degree |

Get More Information

Do you have any question about the 901-T301-WW61?

Contact us now via [Live Chat](#) or sales@router-switch.com.

Specification

| 901-T301-WW61 Specification | |
|--|---|
| Physical Characteristics | |
| Power | 802.3af PoE Input (Class 3 PD) |
| Physical Size | 18 cm (L) x 15 cm (W) x 8.6 cm (H) 7 in (L) x 5.9 in (W) x 3.4 in (H) |
| Ethernet Ports | 10/100/1000Base-T 802.3,802.3 u,802.3ab 802.3at/af PoE PD Input Jumbo frame support (2290 byte max MTU) |
| RF Connections | N female qty 2 (optional 5GHz only) |
| Environmental Conditions | Operating temperature range: -20°C to 55° C Weather protection: IP67 per IEC 60529 |
| Power Draw | PoE Input Idle: 6.5W Typical: 7.5W Peak: 11W |
| Degree sector Coverage | 30x30 degree |
| Mounting Options | Wall Mount Pole Mount Diameter 1" to 2.5" |
| Performance and Capacity | |
| Physical Layer Modulation Data Rate | 2.4GHz 802.11b/g/n 300Mbps 5GHz 802.11a/n/ac 867Mbps |
| Concurrent Stations | Up to 500 capable per AP |
| Simultaneous VoIP Clients | Up to 30 |
| Wi-Fi | |
| Standards | 5 GHz IEEE 802.11ac 2GHz IEEE 802.11g/n |

| | |
|---------------------------------|---|
| Frequency Bands | IEEE 802.11g/n 2.4-2.472GHz (ch1-13 CE, ch1-11 US) IEEE 802.11ac 5GHz U-NII-1 5.15-5.25 GHz U-NII-2 5.25-5.35 (DFS) U-NII-2B 5.37-5.47† U-NII-2C 5.47-5.725 (DFS) U-NII-3 5.725-5.825 ISM 5.725 – 5.875 U-NII-4 5.85-5.925† |
| WLAN Radio Configuration | Dual band concurrent 2 x 2:2 stream radios |
| Maximum Tx Power* | 26 dBm for 2.4GHz 25 dBm for 5.0GHz |
| Channelization | 2.4GHz 802.11b/g/n 20/40 MHz 5GHz 802.11a/n/ac 20/40/80 MHz |
| BSSID | Up to 32 (27 configurable) on 2.4 GHz Up to 16 (13 configurable) on 5 GHz |

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