**Príloha č. 1: Opis predmetu zákazky**

Predmetom zákazky je vybudovanie bezplatného WiFi pripojenia pre občanov aj návštevníkov obce prostredníctvom bezdrôtových prístupových bodov na verejných priestranstvách.

V čase vyhlásenia výzvy na predkladanie ponúk sa na verejných priestranstvách nenachádza WiFi pripojenie, ktoré by zasahovalo viac ako 30 % do pokrytia vybudovaného bezdrôtového prístupového bodu.

K pokrytiu verejných priestranstiev WiFi pripojením bude dodanie tovarov – **10 externých prístupových bodov** zahrňujúcich potrebné nevyhnutné príslušenstvo s inštaláciou a montážou WiFi siete.

Vybudovaná WiFi sieť bude používať označenie siete (SSID) WiFi pre Teba a poskytovať internetovú konektivitu s minimálnou rýchlosťou sťahovania 30 Mbps pre každý jeden WiFi bod bezplatne všetkým občanom a návštevníkom obce.

Prístupové body budú umiestnené na nižšie uvedených verejných priestranstvách:

| | |
|---|---|
| Externý prístupový bod č. 1 | Obecný úrad – LV459, p.č. 105/4 |
| Externý prístupový bod č. 2 | Kostol – LV459, p.č. 27/1 |
| Externý prístupový bod č. 3 | Park (nová oddychová zóna) – LV459, p.č. 107 |
| Externý prístupový bod č. 4 | Cintorín – LV459, p.č. 391/1 |
| Externý prístupový bod č. 5 | Kultúrny dom – LV459, p.č. 423/3 |
| Externý prístupový bod č. 6 | Autobus zastávka (na Valaliky) – LV459, p.č. 158 |
| Externý prístupový bod č. 7 | Základná škola – LV459, p.č. 7/1 |
| Externý prístupový bod č. 8 | Detské ihrisko – LV459, p.č. 389/1 |
| Externý prístupový bod č. 9 | Futbalové ihrisko – LV459, p.č. 424/1 |
| Externý prístupový bod č. 10 | Viacšportový areál – LV459, p.č. 423/1 |

Prístupové body, ktoré budú umiestnené na uvedených verejných priestranstvách musia spĺňať minimálne nasledujúce technické parametre:

Kompaktné dvojpásmové WiFi zariadenia (2,4GHz - 5 GHz), ktoré sú certifikované pre európsky trh,
Životný cyklus použitých produktov vyšší ako 5 rokov,
Stredná doba medzi poruchami (MTBF) minimálne 5 rokov,
Možnosť centrálneho manažmentu pre riadenie, monitoring a konfiguráciu siete (single point of management),
Súlad s „802.11ac Wave I, Institute of Electrical and Electronics Engineers“ (IEEE) štandardom,
Podpora 802.1x IEEE štandardu,
Podpora 802.11r IEEE štandardu,
Podpora 802.11k IEEE štandardu,
Podpora 802.11v IEEE štandardu,
Schopnosť AP obsluhovať naraz aspoň 50 rôznych užívateľov bez zníženia kvality služby,
Minimálne 2x2 MIMO (multiple-input-multiple-output),
Súlad s Hotspot 2.0 (Passpoint WiFi Alliance certification program).

**Sumár aktivít a výstupov:**
Projektová dokumentácia, ktorá bude obsahovať sieťové zapojenie aktívnych prvkov siete s IP adresným plánom, simuláciu pokrytia priestoru, meranie skutočného pokrytia, technické listy aktívnych prvkov, funkčný popis a vyobrazenie obsahu hotspot portálu s umiestneným logom.

Príloha č. 2

# *Test splnenia technických parametrov (TSTP) v rámci "Wifi pre Teba"*

TSTP slúži pre žiadateľa ako podklad pre špecifikáciu riešenia spĺňajúcu minimálne technické parametre požadovaných výzvou.

Technické parametre riešenia sú navrhnuté v súlade so schválenou Štúdiou uskutočniteľnosti https://metais.finance.gov.sk/studia/detail/8c95df2d-700e-47ce-a1b0-4cbf3334b453?tab=documents a musia spĺňať požiadavky Robustného, Spoľahlivého a Bezpečného produktu, ktorý poskytne občanom bezplatný prístup na internet prostredníctvom Wifi pripojenia.

1. Robustný: definuje minimálne technické parametre Prístupového bodu (Access pointu), resp. ostatného HW vybavenia,
2. Spoľahlivý: definuje minimálne podmienky pre poskytnutie kvalitného internetového pripojenia,
3. Bezpečný: definuje minimálne podmienky pre sieťovú a fyzickú bezpečnosť.

Upozornenie: výsledky tohto testu slúžia výlučne pre potreby žiadateľa a nie sú zárukou výsledku v procese schvaľovania žiadosti o NFP.

| *Otázka č.* | *Znenie otázky* | *Odkaz na relevantnú časť Technických listov (žiadateľ uvedie príslušnú časť technických listov, resp. iného relevantného zdroja zodpovedajúceho konkrétnemu parametru)* | *Odpoveď (po kliknutí na bunku vyberte jednu z možností)* |
|---|---|---|---|
| 1. | Kompaktné dvojpásmové WiFi zariadenia (2,4GHz - 5 GHz), ktoré sú certifikované pre európsky trh? | TL - strana 3 - tabuľka WIFI - riadok Suported Channels<br>TL – strana 1 - EU CE certifikát | Áno |
| 2. | Životný cyklus použitých produktov vyšší ako 5 rokov? | TL - Standard End of Life Policy (na strane 1 v poslednom odstavci kapitoly Hardware je uvedé : „The last hardware repair/replace and support for advanced hardware replacement date for discontinued products is 5 years after the EOS date.")<br>To znamená, že AP má životný cyklus minimálne 5.5 roka | Áno |
| 3. | Stredná doba medzi poruchami (MTBF) minimálne 5 rokov? | 3 623 115 hours<br><br>Jedná sa o certifikované zariadenie (Wi-Fi Alliance)<br>https://www.wi-fi.org/certification/programs | Áno |
| 4. | Možnosť centrálneho manažmentu pre riadenie, monitoring a konfiguráciu siete (single point of management)? | TL - strana 4 - tabuľka Networking - riadok Controller Platform Support | Áno |
| 5. | Súlad s „802.11ac Wave I, Institute of Electrical and Electronics Engineers" (IEEE) štandardom? | TL - strana 3 - tabuľka WIFI - riadok Wi-Fi Standards | Áno |
| 6. | Podpora 802.1x IEEE štandardu? | TL - strana 4 - tabuľka Networking - riadok 802.1x | Áno |
| 7. | Podpora 802.11r IEEE štandardu? | TL - strana 3 - tabuľka WIFI - riadok Other Wi-Fi Features | Áno |
| 8. | Podpora 802.11k IEEE štandardu? | TL - strana 3 - tabuľka WIFI - riadok Other Wi-Fi Features | Áno |
| 9. | Podpora 802.11v IEEE štandardu? | TL - strana 3 - tabuľka WIFI - riadok Other Wi-Fi Features | Áno |
| 10. | Schopnosť AP obsluhovať naraz aspoň 50 rôznych užívateľov bez zníženia kvality služby? | TL - strana 3 - tabuľka Performance and Capacity - riadok Client Capacity | Áno |
| 11. | Minimálne 2x2 MIMO (multiple-input-multiple-output)? | TL - strana 3 - tabuľka WIFI - riadok MIMO | Áno |
| 12. | Súlad s Hotspot 2.0 (Passpoint WiFi Alliance certification program)? | TL - strana 3 - tabuľka WIFI - riadok Other Wi-Fi Features<br><br>Jedná sa o certifikované zariadenie (Wi-Fi Alliance)<br>https://www.wi-fi.org/certification/programs | Áno |
| 13. | Súčasťou dodávky bude: projektová dokumentácia ktorá bude obsahovať sieťové zapojenie aktívnych prvkov siete s IP adresným plánom, Simuláciu pokrytia priestoru, Meranie skutočného pokrytia, technické listy aktívnych prvkov, funkčný popis a vyobrazenie obsahu hotspot portálu s umiestneným logom? | Súčasťou opisu predmetu zákazky | Áno |

*Všetky otázky sú zodpovedané*

*Minimálne technické podmienky sú zadefinované.*

| | |
|---|---|
| Počet odpovedí "nie" | 0 |
| Počet nezodpovedaných otázok | 0 |

Príloha č. 3 Podrobný popis prístupového bodu (AP) s väzbou na finančné limity

| Položka | Merná jednotka | Počet jednotiek | Jednotková cena (v EUR bez DPH) | Vysúťažená suma celkom (v EUR s DPH) | Limity podľa Príručky pre oprávnenosť výdavkov PO7 OPII pre dopytovo orientované projekty „Wifi pre Teba" (max. suma za 1 AP v EUR s DPH) |
|---|---|---|---|---|---|
| Externý prístupový bod (AP) č. 1-10: | *nevypĺňa sa* | | | 15 000,00 € | 1 500,00 |
| Externý prístupový bod | ks | 10 | 935,00 € | 11 220,00 € | *nevypĺňa sa* |
| Inštalácia a konfigurácia AP | ks | 10 | 196,50 € | 2 358,00 € | *nevypĺňa sa* |
| SW manažment AP | ks | 10 | 118,50 € | 1 422,00 € | *nevypĺňa sa* |
| Celkom | | | | 15 000,00 € | |

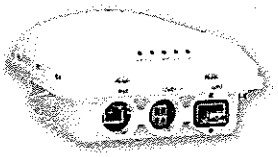
**Príloha č. 4: Technické listy dodávaných aktívnych prvkov**

DATA SHEET

# RUCKUS® T350

## Outdoor 2x2:2 Wi-Fi 6 Access Point

COMMSCOPE® RUCKUS®



## Benefits

**SIMPLICITY**

RUCKUS Outdoor APs make Wi-Fi deployments extremely simple to deploy with one-touch technologies like SmartMesh™.

**STUNNING WI-FI PERFORMANCE**

Extends coverage with patented BeamFlex®+ adaptive antenna technology while mitigating interference by utilizing up to 64 directional antenna patterns.

**GREAT OUTDOOR WI-FI**

Experience high performance outdoor Wi-Fi 6 with IP-67 weather proofing.

**MULTIPLE MANAGEMENT OPTIONS**

Manage the T350 Series with physical or virtual controller appliances.

**SERVE MORE DEVICES**

Connect more devices simultaneously with two MU-MIMO spatial streams and concurrent dual-band 2.4/5GHz radios while also enhancing non-11ax device performance.

**AUTOMATE OPTIMAL THROUGHPUT**

ChannelFly® dynamic channel technology uses machine learning to automatically find the least congested channels. You always get the highest throughput the band can support.

**MORE THAN WI-FI**

Support services beyond Wi-Fi with RUCKUS IoT Suite, Cloudpath security and onboarding software, SPoT Wi-Fi locationing engine, and SCI network analytics.

**Modern Wi-Fi device users expect reliable connectivity—anywhere, anytime. But in crowded outdoor venues with thousands of users and constant RF noise, they are often frustrated by poor coverage, dropped connections, and reduced data rates. These aggravating Wi-Fi experiences can easily translate to negative perceptions of the venue and the service provider, resulting in loss of business. The quality of the network experience becomes the "litmus test" for acceptance or rejection.**

As the market leader in outdoor Wi-Fi deployments, RUCKUS knows that one AP solution cannot meet every possible challenge of varied and complex outdoor requirements. This is why the RUCKUS T350 Wi-Fi 6 series is designed with more variety than any other outdoor AP in the market today. Available with either internal omni-directional antennas or internal high-gain directional antenna models, the T350 Series uses patented RUCKUS antenna optimization and interference mitigation technologies to improve throughput, connection reliability, and deliver industry-leading Wi-Fi 6 performance to every connected client. At the same time, the T350 Series is designed for fast, simple installation with an ultra-lightweight, low profile, IP-67 rated enclosure that can stand up to the most challenging outdoor environments.

At RUCKUS, we know that outdoor AP deployments are especially challenging for installation and maintenance, which is why RUCKUS outdoor APs use a variety of technologies, like SmartMesh that help simplify outdoor AP deployment.

The RUCKUS T350 Series is perfect for high-density outdoor public venues such as airports, convention centers, plazas, malls, smart cities, and other dense urban environments. By providing a superior Wi-Fi experience to every user in high-density outdoor locations, venue operators can improve guest satisfaction and loyalty, deliver new kinds of wireless application services, and increase revenues.

The RUCKUS T350 Series incorporates patented technologies found only in the RUCKUS Wi-Fi portfolio.

- Extended coverage with patented BeamFlex+ utilizing multi-directional antenna patterns.
- Improve throughput with ChannelFly, which dynamically finds less congested Wi-Fi channels to use.

Whether you're deploying ten or ten thousand APs, the T350 Series is easy to manage through RUCKUS' appliance and virtual management options.

# RUCKUS® T350

Outdoor 2x2:2 Wi-Fi 6 Access Point

## Access Point Antenna Pattern

RUCKUS' BeamFlex+ adaptive antennas allow the T350 AP to dynamically choose among a host of antenna patterns in real-time to establish the best possible connection with every device. This leads to:

- Better Wi-Fi coverage
- Reduced RF interference

Traditional omni-directional antennas, found in generic access points, oversaturate the environment by needlessly radiating RF signals in all directions. In contrast, the RUCKUS BeamFlex+ adaptive antenna directs the radio signals per-device on a packet by-packet basis to optimize Wi-Fi coverage and capacity in real-time to support high device density environments. BeamFlex+ operates without the need for device feedback and hence can benefit even devices using legacy standards.

Figure 1. Example of BeamFlex+ pattern

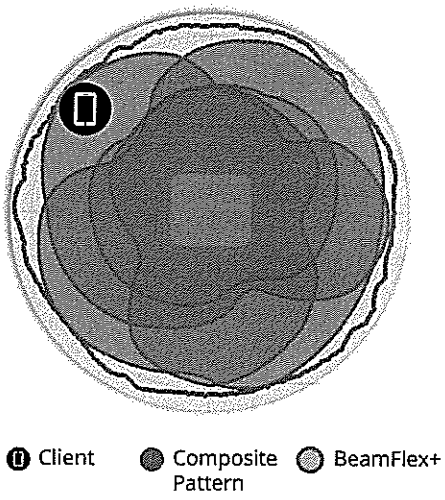



Figure 2. 2.4GHz Azimuth Antenna Patterns

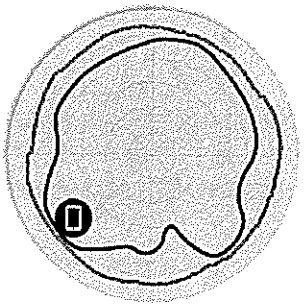


Figure 3. 5GHz Azimuth Antenna Patterns

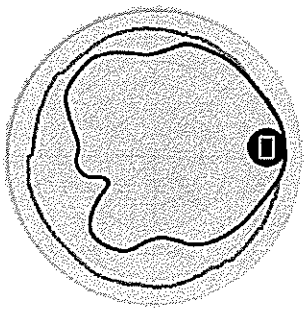


Figure 4. 2.4GHz Elevation Antenna Patterns

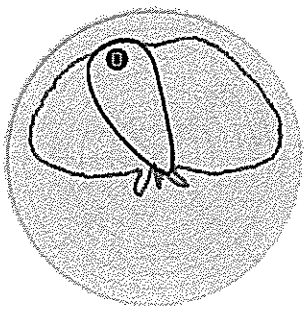
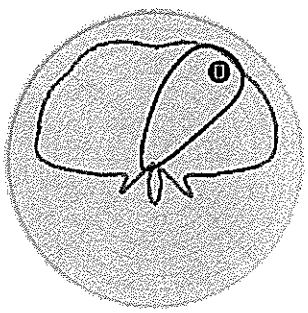


Figure 5. 5GHz Elevation Antenna Patterns



Note: The outer trace represents the composite RF footprint of all possible BeamFlex+ antenna patterns, while the inner trace represents one BeamFlex+ antenna pattern within the composite outer trace.

# RUCKUS® T350

## Outdoor 2x2:2 Wi-Fi 6 Access Point

| Wi-Fi | |
|---|---|
| Wi-Fi Standards | • IEEE 802.11a/b/g/n/ac/ax |
| Supported Rates | • 802.11ax: 4 to 1774 Mbps<br>• 802.11ac: 6.5 to 867 Mbps<br>• 802.11n: 6.5 to 300Mbps<br>• 802.11a/g: 6 to 54 Mbps<br>• 802.11b: 1 to 11 Mbps |
| Supported Channels | • 2.4GHz: 1-13<br>• 5GHz: 36-64, 100-144, 149-165 |
| MIMO | • 2x2 SU-MIMO<br>• 2x2 MU-MIMO |
| Spatial Streams | • 2 streams SU/MU MIMO 5GHz<br>• 2 streams SU/MU MIMO 2.4GHz |
| Radio Chains and Streams | • 2x2:2 (5GHz)<br>• 2x2:2 (2.4GHz) |
| Channelization | • 20, 40, 80MHz |
| Security | • WPA-PSK, WPA-TKIP, WPA2-Personal, WPA2-Enterprise, WPA3-Personal, WPA3-Enterprise, AES, 802.11i, Dynamic PSK, OWE<br>• WIPS/WIDS |
| Other Wi-Fi Features | • WMM, Power Save, Tx Beamforming, LDPC, STBC, 802.11r/k/v<br>• Hotspot, Hotspot 2.0<br>• Captive Portal<br>• WISPr |

| RF | | | |
|---|---|---|---|
| | T350c | T350d | T350se |
| Antenna Type | Internal omnidirectional | Internal omnidirectional | Internal 120 deg sectorized + N-type female external connectors |
| | BeamFlex+ adaptive internal antennas with polarization diversity | | |
| Antenna Gain (max) | Up to 3dBi | | 2.4GHz: 6dBi<br>5Ghz: 8dBi |
| Peak Transmit Power (Tx port/chain + 3dB Combining gain) | 2.4GHz: 26 dBm<br>5GHz: 25 dBm | | 2.4GHz: 26dBm<br>5GHz: 25dBm |
| Frequency Bands | • ISM (2.4-2.484GHz)<br>• U-NII-1 (5.15-5.25GHz)<br>• U-NII-2A (5.25-5.35GHz)<br>• U-NII-2C (5.47-5.725GHz)<br>• U-NII-3 (5.725-5.85GHz) | | |

| 2.4GHz RECEIVE SENSITIVITY | | | | | | | |
|---|---|---|---|---|---|---|---|
| HT20 | | HT40 | | VHT20 | | VHT40 | |
| MCS0 | MCS7 | MCS0 | MCS7 | MCS0 | MCS7 | MCS0 | MCS7 |
| -97 | -78 | -94 | -75 | -97 | -78 | -94 | -75 |
| HE20 | | | | HE40 | | | |
| MCS0 | MCS7 | MCS9 | MCS11 | MCS0 | MCS7 | MCS9 | MCS11 |
| -97 | -78 | -73 | -67 | -94 | -75 | -70 | -64 |

| 5GHz RECEIVE SENSITIVITY | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| VHT20 | | | | VHT40 | | | | VHT80 | | | |
| MCS0 | MCS7 | MCS8 | MCS9 | MCS0 | MCS7 | MCS8 | MCS9 | MCS0 | MCS7 | MCS8 | MCS9 |
| -97 | -78 | -75 | -73 | -95 | -77 | -71 | -69 | -92 | -74 | -68 | -66 |
| HE20 | | | | HE40 | | | | HE80 | | | |
| MCS0 | MCS7 | MCS9 | MCS11 | MCS0 | MCS7 | MCS9 | MCS11 | MCS0 | MCS7 | MCS9 | MCS11 |
| -97 | -78 | -72 | -67 | -95 | -77 | -69 | -64 | -92 | -74 | -66 | -61 |

| 2.4GHz TX POWER TARGET | |
|---|---|
| Rate | Pout (dBm) |
| MCS0 HT20 | 23 |
| MCS7 HT20 | 18 |
| MCS8 VHT20 | 17 |
| MCS9 VHT40 | 16.5 |
| MCS11 HE40 | 15 |

| 5GHz TX POWER TARGET | |
|---|---|
| Rate | Pout (dBm) |
| MCS0 VHT20 | 22 |
| MCS7 VHT40, VHT80 | 20 |
| MCS9 VHT40, VHT80 | 19 |
| MCS11 HE20, HE40, HE80 | 15 |

| PERFORMANCE AND CAPACITY | |
|---|---|
| Peak PHY Rates | • 2.4GHz: 574 Mbps<br>5GHz: 1200 Mbps |
| Client Capacity | • Up to 512 clients per AP |
| SSID | • Up to 31 per AP |

| RUCKUS RADIO MANAGEMENT | |
|---|---|
| Antenna Optimization | • BeamFlex+<br>• Polarization Diversity with Maximal Ratio Combining (PD-MRC) |
| Wi-Fi Channel Management | • ChannelFly<br>• Background Scan Based |
| Client Density Management | • Adaptive Band Balancing<br>• Client Load Balancing<br>• Airtime Fairness<br>• Airtime-based WLAN Prioritization |
| SmartCast Quality of Service | • QoS-based scheduling<br>• Directed Multicast<br>• L2/L3/L4 ACLs |
| Mobility | • SmartRoam |
| Diagnostic Tools | • Spectrum Analysis<br>• SpeedFlex |

# RUCKUS® T350

## Outdoor 2x2:2 Wi-Fi 6 Access Point

| NETWORKING | |
|---|---|
| Controller Platform Support | • SmartZone<br>• ZoneDirector<br>• Unleashed<br>• Cloud<br>• Standalone |
| Mesh | • SmartMesh™ wireless meshing technology. Self-healing Mesh |
| IP | • IPv4, IPv6 |
| VLAN | • 802.1Q (1 per BSSID or dynamic per use based on RADIUS)<br>• VLAN Pooling<br>• Port-based |
| 802.1x | • Authenticator & Supplicant |
| Tunnel | • L2TP, GRE, soft-GRE |
| Policy Management Tools | • Application Recognition and Control<br>• Access Control Lists<br>• Device Fingerprinting<br>• Rate Limiting |
| IoT | • T350d: Integrated BLE and Zigbee (1 radio, switchable) |

| PHYSICAL INTERFACES | T350c | T350d | T350se |
|---|---|---|---|
| Ethernet | 1 x 1GbE port, RJ-45 PoE In - 802.3at Class 4 | | |
| USB | — | 1 USB 2.0 port, Type A | |
| DC Power | — | 12V DC Terminal Block (7V - 20V) | |

| PHYSICAL CHARACTERISTICS | T350c | T350d | T350se |
|---|---|---|---|
| Physical Size | • 162.3 mm (W) x 194.9 mm (L) x 80.9 mm (H)<br>• 6.38 in (W) x 7.67 in (L) x 3.19 in (H) | • 162.3 mm (W) x 213.7 mm (L) x 80.9 mm (H)<br>• 6.38 in (W) x 8.41 in (L) x 3.19 in (H) | • 209.1 mm (W) x 261.7 mm (L) x 102.5 mm (H)<br>• 8.23 in (W) x 10.30 in (L) x 4.04 in (H) |
| Weight (w/ included bracket) | 1.01kg (2.23lbs) | 1.07kg (2.36lbs) | 2.2kg (4.85lbs) |
| Ingress Protection | IP-67 | | |
| Mounting | • Pole Mount<br>• Wall Mount<br>• Flat Surface<br>• Bracket included in the box | | |
| Operating Temperature | -20°C -(4°F) to 65°C (149°F) | -40°C -(-40°F) to 65°C (149°F) | |
| Operating Humidity | Up to 95%, non-condensing | | |
| Wind Survivability | Up to 266km/h (165 mph) | | |
| Altitude | Up to 3,048m (10,000 ft), functional operation | | |

| POWER[2] | | T350c | T350d | T350se |
|---|---|---|---|---|
| Power Mode | System Configuration | Max Power Consumption (includes USB power) | | |
| 802.3at (PoE) - Class 4 | Full Functionality | 13.24W | 17.57W | 21.3W |
| 802.3af (PoE) - Class 3 | USB Disabled<br>IoT Disabled | 11.42W | 12.94W | 12.81W |
| Idle (PoE) | | 7.68W | 7.78W | 8.68W |
| DC - max power | Full Functionality | — | 16.32W | 19.34W |
| DC - idle | | — | 6.78W | 7.92W |

| CERTIFICATIONS AND COMPLIANCE | |
|---|---|
| Wi-Fi Alliance[3] | • Wi-Fi CERTIFIED™ a, b, g, n, ac<br>• Wi-Fi CERTIFIED™ 6<br>• WPA3™ - Enterprise, Personal<br>• Wi-Fi Enhanced Open™<br>• Wi-Fi Agile Multiband™<br>• Wi-Fi Optimized Connectivity™<br>• Wi-Fi Vantage™<br>• WMM®<br>• Passpoint® |
| Standards Compliance[4] | • IEC/EN/UL 62368-1 & IEC/EN 60950-1 Safety<br>• FCC 15B, RSS-Gen, EN 301 489-1/17<br>• EN 61000-3-x Emissions<br>• EN 61000-4-2/3/5 Immunity<br>• EN 60601-1-2 Medical<br>• EN 50121-1/4 Railway EMC<br>• IEC 61373 Railway Shock & Vibration<br>• UL 2043 Plenum<br>• EN 62311 Human Safety/RF Exposure<br>• WEEE & RoHS<br>• ISTA 2A Transportation |

| SOFTWARE AND SERVICES | |
|---|---|
| Location Based Services | • SPoT |
| Network Analytics | • SmartCell Insight (SCI)<br>• RUCKUS Analytics |
| Security and Policy | • Cloudpath |

| MODEL FEATURE DIFFERENCES | | | | |
|---|---|---|---|---|
| Model | Antenna | Low Temp | USB | DC Power |
| T350c | Internal omni | -20°C | N | N |
| T350d | Internal omni | -40°C | Y | Y |
| T350se | Internal sector (120°) + External antenna capable | -40°C | Y | Y |

[2] Max power varies by country setting, band, and MCS rate.

[3] For complete list of WFA certifications, please see Wi-Fi Alliance website.

[4] For current certification status, please see price list.

# RUCKUS® T350

## Outdoor 2x2:2 Wi-Fi 6 Access Point

| ORDERING INFORMATION | |
|---|---|
| T350 OUTDOOR APs | |
| 901-T350-XX20 | T350c, omni, outdoor access point, 2x2:2 Wi-Fi 6 internal BeamFlex+, dual band concurrent. One Ethernet port, PoE input. -20°C to 65°C Operating Temperature. Includes mounting bracket and one year warranty. Does not include PoE injector. |
| 901-T350-XX40 | T350d, omni, outdoor access point, 2x2:2 Wi-Fi 6 internal BeamFlex+, dual band concurrent. One Ethernet port, PoE input, DC input and USB port. -40°C to 65°C Operating Temperature. Includes mounting bracket and one year warranty. Does not include PoE injector. |
| 901-T350-XX51 | T350se, sector+external, outdoor access point, 2x2:2 Wi-Fi 6, internal 120 degree sector + external antenna capable, dual band concurrent access point. One Ethernet port, PoE input, DC input and USB port. -40°C to 65°C Operating Temperature. Includes adjustable mounting bracket and one year warranty. Does not include PoE injector. |

See RUCKUS price list for country-specific ordering information. PLEASE NOTE: When ordering outdoor APs, you must specify the destination region by indicating -US, -WW, or -Z2 instead of XX. For access points, -Z2 applies to the following countries: Algeria, Egypt, Israel, Morocco, Tunisia, and Vietnam.
Warranty: Sold with a limited one year warranty.
For details see: http://support.ruckuswireless.com/warranty

| OPTIONAL ACCESSORIES | |
|---|---|
| 902-0162-XXYY | • PoE injector (24W) (Sold in quantities of 1, 10 or 100) |
| 902-0125-0000 | • Secure articulating mounting bracket |
| 902-0127-0000 | • Extended cap to accommodate up to 6 cm long USB dongle |
| 902-1121-0000 | • Spare weatherizing cable gland with option of one hole or 2 hole connection |
| 902-0183-000 | • Spare cable gland for weatherizing the RJ-45 ports on outdoor APs. |

PLEASE NOTE: When ordering PoE injectors or power supplies, you must specify the destination region by indicating -US, -EU, -AU, -BR, -CN, -IN, -JP, -KR, -SA, -UK, or -UN instead of -XX.

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**Príloha č. 5: Zoznam subdodávateľov**

| **P. č.** | **Obchodné meno a sídlo subdodávateľa** | **IČO** | **Údaje o osobe oprávnenej konať za subdodávateľa** (v rozsahu: meno a priezvisko, adresa pobytu, dátum narodenia) | **% podiel na zákazke** | **Predmet subdodávok** |
|---|---|---|---|---|---|
| 1 | Bez subdodávateľov | | | | |