

RP-A2114



ONECELL® Ruggedized Radio Point 2000-Americas 1 Radio, 3 Bands, External 4.3-10 DIN antenna ports

- Pooled baseband processing with centralized scheduler
- Smart Reuse for multi-sector throughput without border handovers or interference
- Single PCI across multiple Radio Points
- Joint Transmission and Reception
- No borders or handovers within controller

Product Classification

| | |
|----------------------|-------------|
| Product Type | Radio point |
| Product Brand | ONECELL® |

General Specifications

| | |
|---|--|
| Technology | LTE MIMO |
| Application | LTE delivery for public venues and large enterprises |
| Antenna Interface | 4.3-10 coaxial connector |
| Antenna Location | External |
| Antenna Quantity | 2 |
| Boot and Storage Security | Secure Boot, Secure Storage (TrE) |
| Controller to RP Management Security | HTTPS |
| Fronthaul and OTA Security | PDCP ciphering |
| Fronthaul Interface | IP Ethernet LAN |
| General Standard | 3GPP Release 10 Local Area Base Station |
| Health Standard | FCC Part 24E FCC Part 27 |
| Modulation Type | DL: QPSK, 16QAM, 64QAM UL: QPSK, 16QAM |
| Physical Interface | RJ45/GigE |
| Radio Standard | FCC Part 24E FCC Part 27 |
| Timing and Synchronization | IEEE 1588 v2 (from controller) |
| Transmit Power | 2 x 125 mW |

Dimensions

| | |
|---------------|-------------------|
| Height | 235 mm 9.252 in |
| Width | 235 mm 9.252 in |

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Depth 107 mm | 4.213 in

Electrical Specifications

Input Voltage Range PoE+

Electrical Safety Standard CAN/CSA 22.2 no. 950 | IEC 60950-1:2005 (2nd Edition) +A1:2009 | UL 60950-1 (2nd Edition 2011)

Electromagnetic Compatibility (EMC) US FCC Part 24E | US FCC Part 27

Frequency Band 1900 MHz | 2100 MHz | 700 MHz

License Band 10 | 12 | 13 | 17 | 2 | 25 | 4

Power Consumption 25 W

Mechanical Specifications

Transportation Vibration Standard ISTA-3A

Environmental Specifications

Operating Temperature -40 °C to +60 °C (-40 °F to +140 °F)

Ingress Protection Test Method IEC 60529:2001, IP66

Packaging and Weights

Weight, net 3.6 kg | 7.937 lb