

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