

# 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

<b>Product Type</b>	Radio point
<b>Product Brand</b>	OneCell®

## General Specifications

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

## Dimensions

<b>Height</b>	235 mm   9.252 in
<b>Width</b>	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