



OneCell® Radio Point 2000 - Americas 1 Radio, 3 Bands, Internal Antenna

- 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
Antenna Location	Internal
Antenna Quantity	2
Application	LTE delivery for public venues and large enterprises
Boot and Storage Security	Secure Boot, Secure Storage (TrE)
Controller to RP Management Security	HTTPS
Fronthaul and OTA Security	PDCCP 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	188 mm 7.402 in
Depth	38.3 mm 1.508 in

RP-A2014

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
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Environmental Specifications

Operating Temperature	0 °C to +50 °C (+32 °F to +122 °F)
Fire Rating Standard	UL 2043

Packaging and Weights

Weight, net	1.2 kg 2.646 lb
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