RP-I2014

ONECELL® Radio Point 2000 - International 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
Application	LTE delivery for public venues and large enterprises
Antenna Location	Internal
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	EN 50385:2002 | EN 62311:2008 (Safe touch) in progress
Modulation Type	DL: QPSK, 16QAM, 64QAM | UL: QPSK, 16QAM
Physical Interface	RJ45/GigE
Radio Standard	EN 301 908-1 V6.2.1 (2013-04) | EN 301 908-14 V6.2.1 (2013-10) | R&TTE Directive 1999/5/EC: 3.2
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

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Depth	38.3 mm	1.508 in

Electrical Specifications

Electrical Safety Standard	AM 1:2009	AM 2:2013	IEC 60950-1 Second Edition
Electromagnetic Compatibility (EMC)	EN 301 489-1 V1.9.2 (2011-09)	EN 301 489-50 V1.2.1 (2013-03)
Frequency Band	1800 MHz	2100 MHz	2600 MHz
License Band	1	3	7
Power Consumption	25 W

Mechanical Specifications

Transportation Vibration Standard	ISTA-3A

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

Regulatory Compliance/Certifications

Agency	Classification
CE	Compliant with the relevant CE product directives

CE

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