



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	PDCCP 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

RP-12014

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

