RP-I2114

ONECELL® Ruggedized Radio Point 2000-International 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	EN 50385:2002
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

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Width	235 mm | 9.252 in
Depth	107 mm | 4.213 in

Electrical Specifications

Electrical Safety Standard	AM 1:2009 | AM 2:2013 | IEC 60950-1:2005 (2nd 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	-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

Regulatory Compliance/Certifications

Agency	Classification
CE	Compliant with the relevant CE product directives

CE

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