

# RP5100I



ONECELL® Multi-carrier, indoor Radio Point 5100i: Up to 4 carriers, Internal Antenna

## Product Classification

<b>Product Type</b>	Radio point
<b>Product Brand</b>	ONECELL®
<b>Product Series</b>	RP5100

## General Specifications

<b>Technology</b>	LTE MIMO
<b>Application</b>	LTE delivery for public venues and large enterprises
<b>Antenna Location</b>	Internal
<b>Antenna Quantity</b>	8
<b>Boot and Storage Security</b>	Secure Boot, Secure Storage (TrE)
<b>Controller to RP Management Security</b>	HTTPS
<b>Coverage Area</b>	10,000 sq. ft
<b>Fronthaul and OTA Security</b>	PDCP ciphering
<b>Fronthaul Interface</b>	IP Ethernet LAN
<b>General Standard</b>	3GPP Release 10 Local Area Base Station
<b>Health Standard</b>	EN 50385:2002, EN 62479, EN 62311:2008 (Safe touch)
<b>Modulation Type</b>	DL: Up to 256QAM, UL: Up to 64 QAM
<b>Physical Interface</b>	RJ45/1 & 2.5Gbps
<b>Timing and Synchronization</b>	IEEE 1588 v2 (from controller)
<b>Transmit Power</b>	Up to 1 W across 4 RMs

## Dimensions

<b>Height</b>	344 mm   13.543 in
<b>Width</b>	344 mm   13.543 in

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**Depth** 85 mm | 3.346 in

## Electrical Specifications

**Electrical Safety Standard** CAN/CSA 22.2 no. 950 | IEC 60950-1:2005 (2nd Edition) +A1:2009 | UL 60950-1 (2nd Edition 2011)

**Frequency Band** 1710-1785/1805-1880MHz(UL/DL) | 1920-1980/2110-2170MHz (UL/DL) | 2500-2570/2620-2690MHz (UL/DL)

**License Band** B1 | B12 | B14 | B2 | B3 | B66 | B7

**Power Consumption** 90 W

## Electrical Specifications, Tx (Downlink)

**Output Power Note** Up to 21 dBm/antenna for sub-1 GHz bands | Up to 24 dBm/antenna for 1 GHz-2.7 GHz bands

## Mechanical Specifications

**Transportation Vibration Standard** ISTA-3A

## Environmental Specifications

**Operating Temperature** 0 °C to +50 °C (+32 °F to +120 °F)

**Fire Rating Standard** UL 2043

**Ingress Protection Test Method** IEC 60529:2001, IP20

## Packaging and Weights

**Weight, net** 3.6 kg | 7.937 lb