

# 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 & 2.5 Gbps
<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
<b>Depth</b>	85 mm   3.346 in

## Electrical Specifications

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<b>Electrical Safety Standard</b>	CAN/CSA 22.2 no. 950   IEC 60950-1:2005 (2nd Edition) +A1:2009   UL 60950-1 (2nd Edition 2011)
<b>Frequency Band</b>	1710-1785/1805-1880 MHz(UL/DL)   1920-1980/2110-2170 MHz (UL/DL)   2500-2570/2620-2690 MHz (UL/DL)
<b>License Band</b>	B1   B12   B14   B2   B3   B66   B7
<b>Power Consumption</b>	90 W

## Electrical Specifications, Tx (Downlink)

<b>Output Power Note</b>	Up to 21 dBm/antenna for sub-1 GHz bands   Up to 24 dBm/antenna for 1 GHz-2.7 GHz bands
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## Mechanical Specifications

<b>Transportation Vibration Standard</b>	ISTA-3A
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## Environmental Specifications

<b>Operating Temperature</b>	0 °C to +50 °C (+32 °F to +122 °F)
<b>Fire Rating Standard</b>	UL 2043
<b>Ingress Protection Test Method</b>	IEC 60529:2001, IP20

## Packaging and Weights

<b>Weight, net</b>	3.6 kg   7.937 lb
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