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

Product Classification

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Radio point</th>
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<tbody>
<tr>
<td>Product Brand</td>
<td>ONECELL®</td>
</tr>
<tr>
<td>Product Series</td>
<td>RP5100</td>
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</tbody>
</table>

General Specifications

- **Technology**: LTE MIMO
- **Application**: LTE delivery for public venues and large enterprises
- **Antenna Location**: Internal
- **Antenna Quantity**: 8
- **Boot and Storage Security**: Secure Boot, Secure Storage (TrE)
- **Controller to RP Management Security**: HTTPS
- **Coverage Area**: 10,000 sq. ft
- **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 62479, EN 62311:2008 (Safe touch)
- **Modulation Type**: DL: Up to 256QAM, UL: Up to 64 QAM
- **Physical Interface**: RJ45/1 & 2.5Gbps
- **Timing and Synchronization**: IEEE 1588 v2 (from controller)
- **Transmit Power**: Up to 1 W across 4 RMs

Dimensions

<table>
<thead>
<tr>
<th>Height</th>
<th>344 mm</th>
<th>13.543 in</th>
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<td>344 mm</td>
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</table>
RP5100I

Depth 85 mm | 3.346 in

Electrical Specifications


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 +122 °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