

# CPE9000

The CPE9000 offers indoor and outdoor units for deployment flexibility. The high throughput and transmit power of the CPEs combine with the small tower footprint and high capacity of our flagship BreezeCOMPACT base stations - reducing the density of base stations in a network and enabling faster, more affordable LTE deployments.

## LTE Specifications

LTE Interface	
<b>Standard Compliance</b>	3GPP Release 10/11
<b>LTE UE Category</b>	Cat 6
<b>Duplex Mode</b>	TDD
<b>Frequency Bands</b>	3.4-3.8 GHz (B42,B43), 2.3-2.7 GHz (B40, B41)
<b>Channel bandwidth</b>	5 MHz, 10 MHz, 15 MHz, 20 MHz,
<b>Carrier Aggregation</b>	Contiguous / Non-Contiguous, Two carriers
<b>Downlink Modulation</b>	QPSK, 16QAM, 64QAM
<b>Uplink Modulation</b>	QPSK, 16QAM, 64QAM (Telrad BS Only)
<b>L1</b>	DL MIMO 2x2
<b>L2 &amp; L3</b>	Multiple APN; PLMN and Cell Selection
<b>Authentication</b>	USIM; SIM function (1.8V and 3.3V SIM and USIM card)
<b>QoS</b>	Non-GBR, GBR



## CPE Specifications

CPE9000 Outdoor	
<b>Dimensions (HxWxD)</b>	260 x 250 x 80 mm   10.2 x 9.8 x 3.1 in
<b>Weight</b>	1.2 Kg   2.6 lbs
<b>User Interface</b>	LAN - 1x100M/1Gb Base-T USIM Optional indoor WiFi PoE: LAN - 2x100/1000Mb Base-T Voice - 1xRJ11 Embedded WiFi AP
<b>Maximum Transmit Power</b>	23 dBm
<b>Antenna</b>	1TX/2RX, 15 dBi
<b>Power Source</b>	100~240VAC
<b>Environmental</b>	IP67
<b>Operating Temperature</b>	-40° to 55 C   -40° to 131° F

