

# CPE9000

The CPE9000 offers 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, B48), 2.3-2.7 GHz (B40, B41)
<b>Channel bandwidth</b>	5 MHz, 10 MHz, 15 MHz, 20 MHz,
<b>Carrier Aggregation</b>	Contiguous / Noncontiguous
<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 Gateway: LAN - 2x100/1000Mb Base-T Voice - 1xRJ11 Embedded WiFi AP
<b>Maximum Transmit Power</b>	23 dBm
<b>Antenna</b>	1TX/2RX, 15 dBi in 3.5 GHz, 14 dBi in 2.5 GHz
<b>Power Source</b>	100~240VAC
<b>Environmental</b>	IP67
<b>Operating Temperature</b>	-40° to 55 C   -40° to 131° F

