

# CPE8100

The CPE8100 LTE series leverages years of field experience and expertise. Telrad fulfills the requirements of service providers with reliable connectivity and extended coverage. Our CPE8100 is ideal for delivering high-speed data to almost any environment in the 3.3-3.8 GHz band (B42, 43, 48).

## LTE Specifications

LTE Interface	
<b>Standard Compliance</b>	3GPP E-UTRA
<b>LTE UE Category</b>	Cat 4 / 5 (Telrad BS only)
<b>Duplex Mode</b>	TDD, 2Rx, 1Tx
<b>Frequency Bands</b>	3.3-3.8 GHz (3.3 GHz, B42, B43, B48)
<b>Channel bandwidth</b>	5 MHz, 10 MHz, 15 MHz, 20 MHz
<b>Downlink Modulation</b>	QPSK, 16QAM, 64QAM
<b>Uplink Modulation</b>	QPSK, 16QAM, 64QAM (Telrad BS Only)
<b>L1</b>	MIMO
<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

CPE8100 Outdoor	
<b>Dimensions (HxWxD)</b>	203 x 203 x 76 mm 8.0 x 8.0 x 3.0 in
<b>Weight</b>	1.5 Kg   3.3 lb
<b>User Interface</b>	1 RJ45 10/100M ETH LED Indicators: Power, System, LAN, SIM, RF(5) SIM card slot
<b>Maximum Transmit Power</b>	27 dBm
<b>Antenna</b>	15±1 dBi 1TX/2RX, Azimuth/Elevation: 24° x 24°
<b>Power Source</b>	100-240 VAC
<b>Environmental</b>	IP67
<b>Operating Temperature</b>	-40° to 55° C   -40° to 131° F



Get More from Wireless. Contact Telrad today to get your LTE deployment started.