

CPE8102

The CPE8102 is an indoor LTE CPE. The small and attractive unit offers quick and easy plug-and-play connectivity. Featuring Wi-Fi, Ethernet and Telephony functionality, the small unit offers flexibility and operates on multiple LTE bands. Paired with Telrad's BreezeCOMPACT base stations, the CPE8102 offers consistent and reliable service that is ideal for residential or small business end-users.

Specifications

LTE Interface

Standard Compliance	3GPP TD-LTE Release 9
LTE UE Category	Cat 5
Duplex Mode	TDD, 2Rx, 1Tx, DL MIMO
Frequency Bands	SKU1: B40 (2.3-2.4 GHz), B41 (2.5-2.7 GHz) SKU2: B42 (3.4-3.6 GHz), B43 (3.6-3.8 GHz) & 3.3-3.4 GHz
Channel bandwidth	5, 10, 15, 20 MHz
Modulation	DL: QPSK, QAM16, QAM64 UL: QPSK, QAM16, QAM64
Maximum Transmit Power	23 dBm
Antenna	4-5 dBi (B40, B41); 5-6 dBi (B42, B43, 3.3 GHz)
L1	MIMO
L2 & L3	Multiple APN PLMN and Cell Selection
Authentication	USIM SIM function (1.8V and 3.3V SIM and USIM card)
QoS	Non-GBR and GBR
Device Management	Web GUI and TR-069



Wi-Fi Interface

Radio Access	802.11 b/g/n (2x2)
Antenna	3 dBi built-in antenna
Connected Users	32+
Security	64/128 bit WEP, WPA/WPA2



CPE8102 Indoor

Dimensions (HxWxD)	190 x 162 x 36 mm 7.4 x 6.3 x 1.4 in
Weight	0.35 kg 0.7 lbs
User Interface	LAN - 2 RJ45 10/100M ETH Ports Voice - 1 RJ11 Port (optional) SIM card slot (2FF)
Power Source	12V/1.0A DC Adapter
Environmental	Indoor
Operating Temperature	-15° to 55° C 5° to 131° F
Humidity	90% max non-condensing



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