

CPE12300SG/HG/XG

The CPE12300 series is a 256QAM Cat 12 UE, designed to meet the challenging connectivity demands. Supporting Carrier Aggregation technologies and achieving high throughput, the CPE12300 series provides quality performance. These units provide a seamless wireless experience that keeps homes and businesses connected.

LTE Specifications

LTE Interface	
Standard Compliance	3GPP Release 12
LTE UE Category	Cat 12
Duplex Mode	TDD
Frequency Bands	3.4-3.8 GHz (B42,B43, B48)
Channel bandwidth	5 MHz, 10 MHz, 15 MHz, 20 MHz
Carrier Aggregation	Contiguous / Noncontiguous
Uplink Modulation	QPSK, 16QAM, 64QAM
Downlink Modulation	QPSK, 16QAM, 64QAM, 256QAM
L1	DL MIMO 4x4
L2 & L3	Multiple APN; PLMN and Cell Selection
Authentication	USIM SIM function (1.8V and 3.3V SIM and USIM card)
QoS	Non-GBR, GBR



CPE Specifications

CPE12350 Series Outdoor	
Dimensions (HxWxD)	SG Model: 265 x 265 x 75 mm 10.4 x 10.4 x 2.9 in HG/XG Models: 330x330x72mm 12.9 x 12.9 x 2.8 in
User Interface	LAN 1x100M/1Gb Base T USIM
Maximum Transmit Power	23 dBm
Antenna	SG: 13dBi HG: 17dBi XG:20dBi (1Tx2Rx)
Power Source	100~240VAC
Environmental	IP67
Operating Temperature	40° to 55° C 40° to 131° F



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