



To Create Better, Faster And Safer Wireless Life

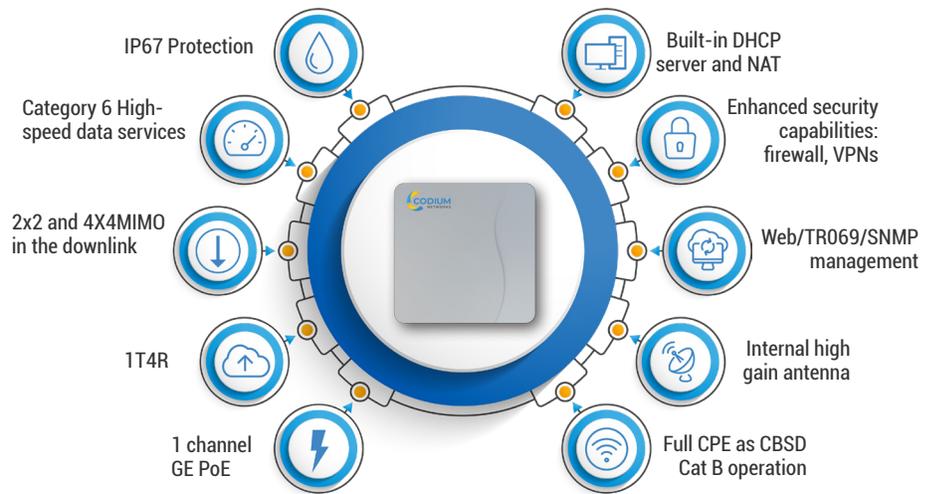
# OCB6

## LTE Outdoor CPE

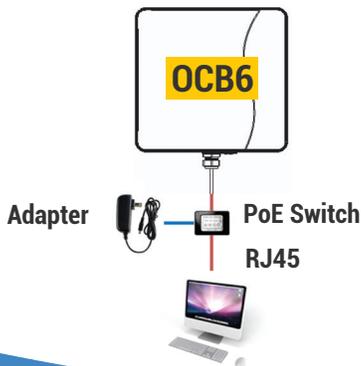
- 3GPP Release 10/11
- CAT6
- ALL LTE Bands
- PoE
- IP67



**OCB6** is the LTE outdoor UE (CPE) that outperforms all competing products. The product supports advanced Gigabit networking functionalities with uniquely powerful gain to maximize reach and capacity. This product architecture has been supplied to some of the world's largest carriers and resold to 2 of the top 5 LTE infrastructure vendors globally. Such scale of production enables high performance with robust specifications. Too good to be true? We will ship you a sample unit free of charge and you can see for yourself!



## Transmit Efficiency



The Outdoor CPE integrates with an indoor router, and together with remote software upgrades and management, WiSPs/carriers may best optimize transmission efficiency to deliver long-range wireless broadband services to residential or enterprise customers. Our Installation Assistant app, easily facilitates CPE installation, thus reducing overall installation time and cost.



## Cellular Specifications

<b>Category</b>	3GPP Release 10/11, Category 6
<b>Peak throughput</b>	FDD: DL 300Mbps/UL 75Mbps TDD: DL 220Mbps/UL 50Mbps
<b>LTE bands</b>	FDD: B1/3/7/8/20/28 TDD: B38/40/41/42/43/48
<b>CA and MIMO</b>	CA: intra or inter band DL 2CA (2x2 MIMO 64 QAM) DL 4x4 MIMO 64 QAM
<b>Tx / Rx</b>	1Tx / 4Rx
<b>Transmit Power</b>	Power Class 3 (23±2dBm)

High-gain antenna

LTE Antennas	Antenna Option	RF	Gain
	Narrow Band		3.4G~3.8G

## Hardware Specifications

<b>LTE chipset</b>	GCT GDM7243QT
<b>Fixed Interfaces</b>	1 x RJ45 10/100/1000Mb/s 1 x SIM Slot (1.8V/3.0V 2FF)
<b>LED Indicator</b>	4 LED Indicators (PWR, NET, SIM, RF Signal)
<b>Buttons</b>	Reset and restore factory setup
<b>Power Supply</b>	24V non-standard POE default IEEE 802.3at compatible POE customized
<b>Power Consumption</b>	< 8W
<b>Power adapter</b>	Input: AC 90~240V Output: DC 24V/0.5A
<b>Water and Dustproof</b>	IP67
<b>Dimensions and Mounting</b>	Dimensions: 288mm x 288 mm x 82mm Weight: <2kg Mounting: Rail and Wall mounting
<b>Temperature and Humidity</b>	Operating: -30~ 60 Storage: -40~85 Humidity: 5%~95%

## Software Specifications

<b>WAN</b>	Multi-APN support, maximum four IP pass through IPv4/v6 dual stack
<b>LAN</b>	VLAN 802.1Q DHCP Server, Client DNS and DNS proxy DMZ Multicast/Multicast Proxy MAC Address Filtering
<b>Protocol</b>	Routing: Static Routing, IGMP Proxy
<b>Device management</b>	TR069 SNMP v3 Web UI Software upgrade via WEB/TR069/FOTA USIM PIN management
<b>Routing mode</b>	Route Mode Bridge Mode NAT mode Static Route Port Mirror and Port Forwarding IPV4/IPv6 Dual Stack
<b>VPN</b>	IPsec PPTP GRE Tunnel(L2/L3) L2TPv2 and L2TPv3 VPN pass-through
<b>Security</b>	Firewall MAC Address Filtering IP Address Filtering URL Filtering Access Control HTTPS Login from WAN DoS Attack Protection Two level of user authority
<b>Reliability</b>	Watchdog for automatic recovery Auto rollback to previous version when upgrade fails

## Appendix-Deliveries

<b>OCB6 Outdoor CPE</b>	1 PCS
<b>PoE Injector + adapter</b>	1 PCS
<b>Accessories for pole mounting</b>	1 PCS
<b>Quick Start Manual</b>	1 PCS

*Delivered DDP to anywhere in the USA!*