

O220 LTE CAT4 Outdoor CPE

O220 is a 4G/LTE CAT4 outdoor CPE. To meet the enterprise and small medium business customer's communications request, O220 optimizes the high gain directional panel antennas to offer the high speed and long distance wireless broadband access. The various and advanced data functions helps the enterprise user to access the internet of the network operator and ISP securely and steadily, and reduce the density of base stations in a network and enabling faster, more affordable LTE deployments, especially to the rural area, and the strict carrier-class enterprise or private network.



Highlights:

- Advanced Antenna Gain 10dBi
- Multiple LTE bands
- Power Over Ethernet
- SNMP, TR069 Support
- L2TP, PPTP, IPSEC, EOIP
- IP67 Ingress Protection Rating
- WIFI 2.4Ghz (Optional)

LTE

- Category 4, 3GPP R9
- Max DL/UL Rate:
 - LTE-FDD:150/50Mbps
 - LTE-TDD:130/30Mbps
- Antenna:
 - Internal Panel Directional
- Bandwidth: 3M/5M/10M/20M
- Multi-APN (Optional)
- Multi Bands Combination:
 - Q1: LTE Band 1/3/7/8/20/38/40/41;
3G Band 1/2/5/8
 - Q2: LTE Band 1/2/4/7/12/38/40/41;
3G Band 1/2/5/8
 - Q3: LTE Band 1/2/4/7/28/40;
3G Band 1/2/4/8
 - Q4: LTE Band 3/7/20/42/43

Interface

- Ethernet Interface
 - 1*PoE 100/10 Mbps LAN
 - 1*100/10 Mbps LAN
- LTE Interface: 2 x SIM Card Slot
- LED Indicator
 - 3G/LTE Signal Strength, Running, PPP, USR

Data Functions

- WAN Type: Static, DHCP, PPPoE, L2TP, PPTP
- Networking Interface
 - Multi-WAN, Bridge Mode, 802.1Q
- Advanced Routing
 - Static Route, Policy Route
- Internal Address Management:
 - DHCP Server, DHCP Relay
- Networking Protocols
 - TCP/IP(IPv4/IPv6), UDP, RTP, SNTP, NAT, DHCP, DNS, DDNS
- IPTV: IGMP Proxy/Snooping, IPTV Bridge

WiFi (Optional)

- IEEE 802.11b/g/n, 2.4GHz
- Max Rate: 300Mbps
- Antenna:
 - 2x2 MIMO, Internal Omni-directional
- Bandwidth: 20M/40M
- Maximum 25 Users
- Maximum 4 SSIDs
- WPS Supported

Firewall & Security

- Firewall Protection
 - IDS&IPS, Block Ping/ICMP/IDENT
 - IP and MAC Address Bind
 - SPI Firewall,Port scan restriction
- Access control
 - Blocking by URL, IP Address, Mac Address, Protocol Type, Port
- VPN: L2TP, PPTP, IPSec, EoIP
- QoS:
 - Based on Destination/Source IP/MAC, Application, DSCP, Packet Priority, Bandwidth
- NAT:
 - RIP, Port Forwarding/Triggering, DMZ, ALG

Management

- Management Protocol
 - WEB, Telnet, SNMP v1/v2, TR069

Environmental

- Size: 275mm x 275mm x 137mm
- Net Weight: 1250g
- Power Supply: Standard PoE 48V
- Ingress Protection: IP67
- Operation Range
 - 40°C to 75°C, -40°F to 167°F
- Humidity
 - 10%-90% non-condensing