# EL245

## TDD-LTE Cat4 Outdoor Modem

### Description

EL245 is an outdoor TDD-LTE unit with a sim card slot. Simply connect this modem directly to your router, switch or computer to provide a 4G broadband connection with download speeds of up to 120 Mbps.  The unit designed with built-in high gain antenna for better signal and performance as well as robust IP65 outdoor hardware designed for harsh environments. The water-proof and lightning-proof casing helps the unit to be good used at outdoors. The unit support POE power supply.

| Specifications | |
|---|---|
| **Outdoor box** | IP 65 |
| **Hardware Specification** | LTE Module: Sequans, DDR:128 MB, Flash 32MB |
| **LTE Standard** | 3GPP Release 10 |
| **USIM** | 1.8V/3V 2FF |
| **LTE Specification** | Category: 4 (120Mbps Downlink, 30Mbps Uplink) <br> Antenna: 11dBi Directional –  2x2 MIMO |
| **Physical Ports** | 1*ETH Rj45 LAN Port 10/100 Auto-Sensing, Auto-MDI/MDIX <br> 1*SIM Slot <br> 1*Reset Button |
| **Working Frequency** | LTE-TDD: B42/43 |
| **Working Environment** | Operating Temperature : -30℃ ~ 60℃ <br> Storage Temperature :   -40℃ ~ 85℃ <br> Operating humidity :  10 ~ 85% <br> Storage humidity :  5 ~ 85% |
| **Cell Lock** | Support |
| **Multi APN** | Support |
| **Power** | PoE: 12V/1.0A DC |
| **Output Power** | Class 3 (23dBm+1/-1.7 dB) |

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| Specifications | | |
|---|---|---|
| **IP Index-Dual Stack** | IPv4/IPv6 | |
| **Technical Specification** | TR069 | Support |
| | L2/L3 Firewall | Support |
| | GRE Tunneling | Support |
| | DMZ | Support |
| | NAT Mode | Support |
| | DHCP | Support |
| | IP Routing | Support |
| | SSH/Telnet | Support |
| | Port Forwarding | Support |
| | PPTP, L2TP VPN Client | Support |
| | Web base Management-GUI | Support |
| | ARP | Support |
| | ICMP | Support |
| | QoS | Support |
| | VoLTE (Optional) | Support |
| | SIP  (Optional) | Support |
| | VPN Pass-through | Support |
| | LAN & WAN Management | Support |