

C-DOT LTE Router (CLR-150)



C-DOT 4G/LTE Router (CLR-150) is a high throughput, exceptionally reliable and ruggedized solution to provide LTE backhaul connectivity. It is designed for mission-critical applications in extremely harsh indoor environments like Industries, Mines, Automotive etc.

This is a single box solution with multiple interfaces like 4G/Cellular, Ethernet. GPS WAN side air interface is upgradable to 5G & backward compatible to 3G/2G, supports 2×2 MIMO LTE & 1 GPS antenna.

LTE –Router Technical Specifications

Parameter	Details
SIM Slot	Micro SIM
LTE Radio	CAT6 (300Mbps Downlink, 50Mbps uplink)
LTE Bands Supported	1, 2, 3, 4, 5, 7, 8, 12, 13, 14, 17, 18, 19, 20, 25, 26, 28, 29, 30, 38, 39, 40, 41, 42, 43, 48 (CBRS), 66, 71
GNSS	Support GPS, GLONASS, Beidou with internal LNA
LAN Interface: Ethernet	10/100/1000Mbps with Autosensing
Power	Dual power input
Input Operating Voltage	110V DC (Voltage Range: 14- 160V DC)
Operating condition	Temp: -20°C to +55°C; Humidity: 10 to 95% non-condensing
Management	TR 069/181
LEDs	Power, Cellular, Ethernet 1-4

Enclosure Details	
Dimensions & Weight	305mm (W) x 285mm (B) x 70mm (H); 3 Kg
Type	Ruggedized Indoor (Metallic)
Mounting	Wall mount using the bracket

Applications	
1).	Vehicular communications
2).	Data concentrator of devices or sensors using Wi-Fi in IOT applications
3).	Providing internet connectivity in remote areas using 4G/LTE backhaul for Hotspots
4).	As a managed UE for testing of Cellular systems



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