

Ubi-LM3000 : Mobile LTE-M Router



Making machines talk!

The best way to communicate with in-vehicle Transit and Public Safety applications.

Ubi-LM3000

- Ubi-LM3000 is an LTE-M router to support marine vessels.
- Various maritime safety equipment installed on ships and IP devices can be interlocked.
- Communication between coastal land within 100Km and ships can be possible by LTE-M.
- Interlock(wired/wireless) with safety equipment in ship and collect sensor Data.
- Provide remote control interface using sensor in ship.
- Frequency : 2.4 GHz WiFi (802.11 b/g/n)
- interface : 1 X RJ-45 for 10/100 Mbps LAN ports
1 X PoE
2T2R 2.4 GHz / 1T2R LTE Antenna
- Key feature
WEP/WPA/WPA2 and 802.1x Auth.
NAT and DHCP
Supports VPN pass-through

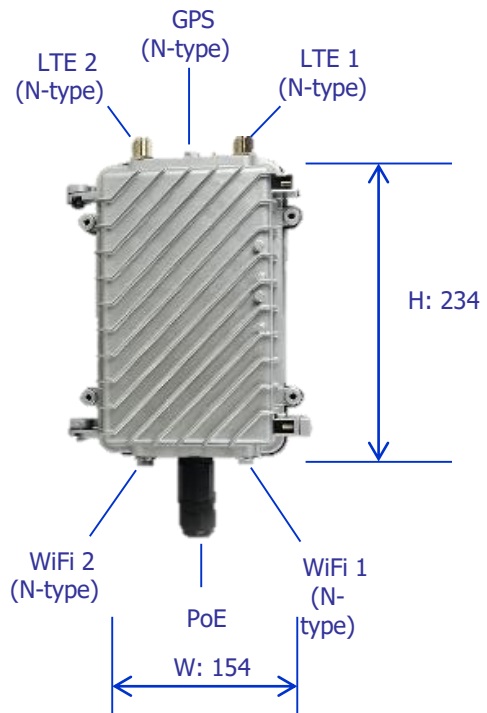
LTE Network

- LTE Standard: 3GPP E-UTRA LTE Release 9, UE CAT4
- LTE mode: FDD-LTE
- Data Services(CAT4)
D/L : LTE 75 Mbps (Max.)
U/L : LTE 25 Mbps (Max.)
- Frequency Band
LTE Band28
- Max RF output power 23 dBm
- Receiver Sensitivity - 94 dBm(10MHz)
- Environments
Operating temperature: -20°C to 60°C
Storage temperature: -30°C to 85°C

Mechanicals

- Dimension (WxHxT): 154 x 234 x 78 (mm)
- Antenna Connector for RF
- Input Power : PoE 48 V
- Power Consumption : 10W(Max) / Normal (3~4W)

Outside View



- ANT (Option)
LTE Tracking ANT: 6dBi
LTE Omni ANT: 3dBi, 6dBi
WiFi Omni ANT: 6dBi

Applied Examples

