

LT-OTR-4G2S

OUTDOOR 4G ROUTER DUAL-SIM

Integrated mobile modem, the LT-OTR-4G2S outdoor 4G router connects your phone, tablet, computer, camera, etc. to the internet via WiFi or LAN Ethernet. Comes with MIMO antennas, the router receives signals at high sensitivity. Complying with IEEE 802.11b/g/n standard, the outdoor router outputs Wi-Fi signals at max 27dBm power with transmission speeds of up to 300Mbps. You can control Wi-Fi and LAN networks with firmware, such as SSID, DNS, encryption, firewall, port forwarding, Wi-Fi relay, etc. The IP67 hardened industrial-grade aluminum alloy case enables the router to withstand extreme weather conditions and rugged deployments.



Key Features

- MIMO 3G/4G Mobile Modem
- MIMO Wi-Fi with Booster
- PoE (Power over Ethernet)
- Industrial-grade Rugged Design

Transmission Rates

- CAT.6 – 4G LTE: Download 300Mbps | Upload 50Mbps
- CAT.4 – 4G LTE: Download 150Mbps | Upload 50Mbps
- CAT.4 – 3G HSPA+: Download 21Mbps | Upload 5.76Mbps
- CAT.4 – 3G TD-SCDMA: Download 2.8Mbps | Upload 2.2Mbps

Hardware

- CPU: Qualcomm Atheros QCA9531
- Frequency: 650 MHz | Memory: 128 MB | Flash: 16 MB
- 4G Omni Antenna: 698~960 / 1710~2700MHz | Gain: 3/4/3.5 dBi | V.S.W.R ≤ 2.0 | 2.4G Wi-Fi Antenna: 2400~2500MHz |
- Gain: 5 dBi | V.S.W.R ≤ 2.0 | SIM Card: Nano SIM (12.3x8.8mm), Dual slots | RJ45 Port: 1 × 10/100Mbps
- Indicators: System / WiFi / SIM1 / SIM2
- Temperature: Working -40 to 80°C | Storage -50 to 90°C
- Humidity: 10%–90% RH
- Installation: Pole mounted

PoE

- Power: 48V
- Standard: IEEE 802.3af/at
- Cable Length: 50–100 meters
- Wiring: Ethernet 1,2,3,6 / DC+ 4,5 / DC- 7,8

Applications

- Remote & Rural Connectivity
- Industrial & Utility Networks
- Transportation & Fleet Operations
- Video Surveillance Backhaul
- Smart City & IoT Deployments
- Emergency & Temporary Networks

Wi-Fi Router

- Standards: IEEE 802.11 b/g/n & 802.3u
- Transmission Rate: 300Mbps (2T2R MIMO)
- Frequency: 2412–2484 MHz
- Channels: 1–13
- Bandwidth: 20/40MHz or Auto
- Output Power:
 - 802.11n: 23±2dBm (OFDM)
 - 802.11g: 25±2dBm (OFDM)
 - 802.11b: 27±2dBm (CCK)
 - Wi-Fi Modes: 11b / 11g / 11n only | 11 b/g mixed | 11 b/g/n mixed
- Firmware: SSID, DNS, Encryption, Firewall, Port forwarding, Wi-Fi relay
- Concurrent Users: 57
- Bootloader: LTBoot
- Firmware: OpenELT
- Computer Support: Windows / Mac / Linux



LT-OTR-4G2S

OUTDOOR 4G ROUTER DUAL-SIM

Hardware Components	
CPU	Qualcomm Atheros QCA9531
Frequency	650 MHz
Memory	128 MB
Flash	16 MB
4G Omni Antenna	Frequency: 698~960 / 1710~2700MHz Gain: 3/4/3.5 dBi V.S.W.R.: ≤ 2.0
2.4G Wi-Fi Antenna	Frequency: 2400~2500MHz Gain: 5 dBi V.S.W.R.: ≤ 2.0
SIM Card Slot	Nano SIM card (12.3x8.8mm), 2 Slots
RJ45 Port	1 x 10/100Mbps
Indicator	System / WiFi / SIM1 / SIM2
Temperature	Working: -40 to 80°C Storage: -50 to 90°C
Working Humidity	10%-90% RH
Installation	Pole mounted

Wi-Fi Specifications	
Standards	IEEE 802.11 b/n/g & 802.3u
Transmission Rate	300Mbps by 2T2R MIMO
Frequency	2412~2484 MHz
Channel	1~13
Bandwidth	20/40MHz or Auto
Output Power	802.11n: 23±2dBm 802.11g: 25±2dBm 802.11b: 27±2dBm
Wi-Fi Modes	11b / 11g / 11n only 11 b/g mixed 11 b/g/n mixed
Firmware	SSID, DNS, Encryption, Firewall, Port forwarding, Wi-Fi relay
Concurrent Users	57 users
Bootloader	LTBoot
Firmware	OpenELT
Computer Support	Windows / Mac / Linux

POE Parameters	
PoE Power	48Volt
PoE Standard	802.3af/at
Cable Length	50~100 meters
Wiring	Ethernet 1,2,3,6 / DC+ 4,5 / DC- 7,8

Package Content	
4G Router	1
Omni Antenna	4
LAN Cable	1 (10m)
PoE Adapter	1 (48V)
Mounting set & tool	1

Dimensions	
Router	L232xW174xH70 mm / 986g
Package	L450xW300xH120mm / 2910g

