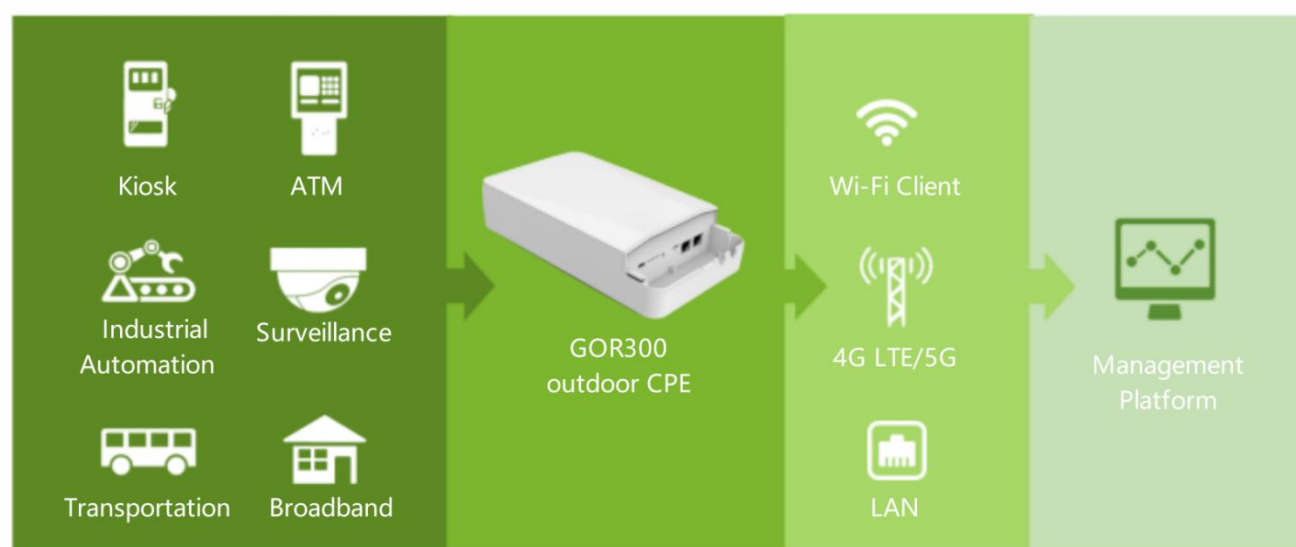


GOR300 4G/5G outdoor router



EX-LINK GOR300 Cellular outdoor router is a wireless communication product developed based on 3G/4G LTE/5G network requirements. Supports 3G/4G LTE/5G global frequency bands. Supports 3G/4G LTE/5G global frequency bands. Supports 3G/4G LTE/5G internet high speed access. Support 5G NSA up to 3.74Gbps (DL)/738Mbps (UL) . 5G SA maximum 4.67Gbps (DL)/1.25Gbps (UL) access bandwidth service. It supports one 2.5Gbps Ethernet port. Optional support for WIFI 6, AX3000,2.4GHz/5GHz,Mesh function. The equipment is designed to meet waterproof and dustproof requirements. Protection class IP65. At the same time, it meets the requirements of 5KA lightning protection. Meet the needs of families, enterprises, and chain stores to provide 3G/4G/5G high-speed Internet access services.

TYPICAL APPLICATION



Product features.

- ◆ Wireless Mobile Broadband 3G/4G LTE/ 5G Connection. Supports 3G/4G/5G global frequency bands.
- ◆ Optional supports WIFI 6,AX3000, 2.4GHz/5GHz, Mesh feature.
- ◆ System crashes and automatically recovers. The system automatically maintains the data link and is permanently online.
- ◆ Supports Multiple VPN tunnels for data encryption .
- ◆ POE power supply input. DC +24/1.5A~48V/0.5A
- ◆ Industrial design for harsh environment.
- ◆ ABS plastic material shell. Protection class. IP65.

Easy to use and easy maintenance

- ◆ User friendly web interface for user interaction.
- ◆ Supports Central Management Platform.
- ◆ Supports local web UI and remote FOTA update firmware.

Operating system

- ◆ Built-in OpenWRT 21.02 operating system.

SPECIFICATIONS

Cellular feature	
3G/4G/5G data connectivity	It provides data connectivity on 5G NR SA and NSA, LTE-FDD, LTE-TDD, DC-HSDPA, HSPA+, HSDPA,HSUPA and WCDMA networks.
3G/4G/5G Frequency bands	<ul style="list-style-type: none"> • Version E 5G NR: <ul style="list-style-type: none"> • 5G Sub-6: n1/3/5/7/8/20/28/38/40/41/77/78 • LTE FDD: B1/3/5/7/8/20/28 • LTE TDD: B38/40/41/42/43 • WCDMA: B1/5/8 • MIMO: <ul style="list-style-type: none"> 5G NR: DL 4×4 MIMO: n1/3/7/38/40/41/77/78 UL 2×2 MIMO: n40/41/77/78 LTE: DL 4×4 MIMO:B1/3/7/28/38/40/41/42/43 • Version NA <ul style="list-style-type: none"> • 5G Sub-6:n2/5/7/12/14/25/30/41/48/66/71/77/78 • LTE FDD: B2/4/5/7/12/13/14/17/25/26/29/30/66/71 • LTE TDD: B41/48 • LAA: B46 • WCDMA: B2/4/5 • MIMO: <ul style="list-style-type: none"> 5G NR:DL 4×4 MIMO: n2/7/25/30/41/48/66/77/78 UL 2×2 MIMO: n41/77/78

	<p>LTE: DL 4×4 MIMO: B2/4/7/25/30/41/48/66</p> <ul style="list-style-type: none"> • Version LA <ul style="list-style-type: none"> • 5G Sub-6: n5/7/8/20/28/38/40/41/77/78/71 • LTE FDD: B2/4/5/7/8/20/25/28/66/71/48 • LTE TDD: B38/40/41/42/43 • WCDMA: B2/4/5/8 • MIMO: <ul style="list-style-type: none"> 5G NR: DL 4×4 MIMO: n7/38/40/41/77/78 UL 2×2 MIMO: n41/77/78 LTE DL 4×4 MIMO: B2/4/7/25/32/38/40/41/42/43/66 <p>Remarks. More frequency bands, please feel free to contact us.</p>
3G/4G/5G Data rates	<ul style="list-style-type: none"> ◆ 5G NSA. Max 4.47Gbps (DL)/738Mbps (UL) ◆ 5G SA. Max maximum 4.67Gbps (DL)/1.25Gbps (UL) ◆ LTE. Max 1.6Gbps (DL)/211Mbps (UL) ◆ HSPA+. Max 42Mbps (DL)/ 11.5Mbps (UL) ◆ WCDMA Max 384Kbps (DL)/384Kbps (UL)
5G NR features	<ul style="list-style-type: none"> ◆ 3GPP Release 15 ◆ Supported modulations: <ul style="list-style-type: none"> - Uplink: $\pi/2$-BPSK, QPSK, 16QAM, 64QAM and 256QAM - Downlink: QPSK, 16QAM, 64QAM and 256QAM ◆ Supported SCS: 15 kHz 2 and 30 kHz 2 ◆ SA 3 and NSA 3 operation modes supported on all the 5G band ◆ Option 3x, 3a, 3 and Option 2
LTE features	<ul style="list-style-type: none"> ◆ 3GPP Release 15 ◆ LTE Category: DL Cat 19/ UL Cat 18 ◆ Supported modulations. <ul style="list-style-type: none"> - Uplink: QPSK, 16QAM and 64QAM and 256QAM - Downlink: QPSK, 16QAM and 64QAM and 256QAM ◆ Supports 1.4/3/5/10/15/20 MHz RF bandwidth
UMTS features	<ul style="list-style-type: none"> ◆ 3GPP Release 9, DC-HSDPA, HSPA+, HSDPA, HSUPA and WCDMA. ◆ Supported modulations. QPSK, 16QAM and 64QAM
3G/4G/5G Receiving Sensitivity	<p>5G NR-FDD n1(20MHz), -94.3 dBm</p> <p>5G NR-FDD n2(20MHz), -94.3 dBm</p> <p>5G NR-FDD n3(20MHz), -94.5 dBm</p> <p>5G NR-FDD n5(10MHz), -95.5 dBm</p> <p>5G NR-FDD n7(20MHz), -94.7 dBm</p> <p>5G NR-FDD n8(20MHz), -96.2 dBm</p> <p>5G NR-FDD n12(15MHz), -96.7 dBm</p> <p>5G NR-FDD n13(10MHz), -97.6 dBm</p> <p>5G NR-FDD n14(10MHz), -98.7 dBm</p> <p>5G NR-FDD n18(15MHz), -98 dBm</p>

	<p>5G NR-FDD n20(20MHz), -96.9 dBm</p> <p>5G NR-FDD n25(20MHz), -94.6 dBm</p> <p>5G NR-FDD n26(20MHz), -95 dBm</p> <p>5G NR-FDD n28(20MHz), -96 dBm</p> <p>5G NR-FDD n30(10MHz), -95.4 dBm</p> <p>5G NR-TDD n38(20MHz), -93.4 dBm</p> <p>5G NR-TDD n40(20MHz), -93.8 dBm</p> <p>5G NR-TDD n41(100MHz), -85.8 dBm</p> <p>5G NR-TDD n66(40MHz), -92.3 dBm</p> <p>5G NR-TDD n71(20MHz), -96.5 dBm</p> <p>5G NR-TDD n77(100MHz), -87.4 dBm</p> <p>5G NR-TDD n78(100MHz), -87.8 dBm</p> <p>5G NR-TDD n79(100MHz), -87.2 dBm</p>
	<p>LTE-FDD B1(10MHz) , -97.3 dBm</p> <p>LTE-FDD B3(10MHz) , -97.6 dBm</p> <p>LTE-FDD B5(10MHz) , -100.3 dBm</p> <p>LTE-FDD B7(10MHz) , -97.1 dBm</p> <p>LTE-FDD B8(10MHz) , -99.7 dBm</p> <p>LTE-FDD B20(10MHz) , -100.5 dBm</p> <p>LTE-FDD B28(10MHz) , -99.7 dBm</p> <p>LTE-FDD B32(10MHz) , -97.3 dBm</p> <p>LTE-TDD B38(10MHz) , -95.7 dBm</p> <p>LTE-TDD B39(10MHz) , -98.7 dBm</p> <p>LTE-TDD B40(10MHz) , -96.6 dBm</p> <p>LTE-TDD B41(10MHz) , -95.7 dBm</p> <p>LTE-TDD B42(10MHz) , -96.8 dBm</p> <p>LTE-TDD B43(10MHz) , -97.1 dBm</p>
	<p>WCDMA B1 , -109 dBm</p> <p>WCDMA B5 , -111 dBm</p> <p>WCDMA B8 , -112dBm</p>
3G/4G/5G Transmitting Power	<p>◆ Class 3 (24dBm+1/-3dB) for WCDMA bands.</p> <p>◆ Class 3 (23dBm±2dB) for LTE-FDD bands.</p> <p>◆ Class 3 (23dBm±2dB) for LTE-TDD bands.</p> <p>◆ Class 3 (23dBm±2dB) for 5G NR bands.</p> <p>◆ Class 2 (26dBm±2dB) for LTE B38/B40/B41/B42 bands.</p> <p>◆ Class 2 (26dBm±2dB) for 5G NR n41/n77/n78/n79 bands .</p>
Antennas	8 * 4G/5G internal antenna, 4*4 MIMO, with 50 Ω impedance.
SIM card feature	
SIM card	Supports 1* SIM slot (4FF,Nano SIM card), 1.8V / 3V . Or 1* eSIM card. (Optional)
WIFI Feature (Optional)	
WLAN	<p>◆ IEEE 802.11 a/b/g/n/ac/ax, AX3000 WIFI 6 . Max bandwidth 2975Mbps</p> <p>◆ Supports 2.4G/5GHz WIFI 6.</p>

	<ul style="list-style-type: none"> ◆ Supports Dynamic Frequency Selection (DFS, radar detection). ◆ Supports 20 MHz/40 MHz channel bandwidth for 2.4 GHz and 20 MHz/40 MHz/80 MHz/160 MHz channel bandwidth for 5 GHz. ◆ Supports 2x2 Multi-User Multiple-Input Multiple-Output (MU-MIMO).
Wireless Mode	Supports AP or station mode.
Wireless Security	Supports WPA2-PSK (AES), WPA/WPA2-PSK (TKIP/AES) protocols for Wi-Fi Authentication .
WIFI hotspot sharing	Supports more than 32 users to share WIFI access to the Internet.
Antennas	2*2 MIMO internal antenna , with 50 Ω impedance.
Hardware feature	
CPU	MTK T750, ARM Cortex-A55, quad core, up to 2.0 GHz
MEMORY	1GB DDR+1GB Flash
Hardware interface	1* LAN 2.5G Ethernet port. 1*USB3.1 port
Watchdog	Built-in watchdog feature.
Key button	Reset
Protection level	Ethernet port , Contact electric shock, +/-4KV, air discharge: +/-8KV.
LED status indicator	PWR ,SYS, Net, LAN
Standard Power	POE power supply input. DC 24V/1A
Power Supply	POE power supply input. DC +24/1.5A~48V/0.5A
Peak current	Max current. 1A @24V
Working current	Max 700 mA, 16.8W @24 V
Power Consumption	Idle. 60mA, 1.44W @24 V Data link. Max 225 mA, 5.4W @24 V Peak. Max 360mA , 8.64W @24V
Temperature	Operating Temperature -30 °C ~+70°C, Storage Temperature -35 °C ~+75°C
Environment humidity	5%~95% ,no condensation.
Ingress Protection	IP65
Housing	ABS plastic material, white shell.
Dimensions	250mm * 145mm * 67.5mm
Installations	Wall or pole mounted.
Weight	670g
Software feature	
Parameter settings	Supports automatic detection of MNC and MCC parameters of global operators. Built-in global operator APN, user name, password and other network parameters. At the same time, manual setting of network parameters is supported.
Dial method	After the device is powered on, the system automatically dials up to connect to the network.
Protocol	Supports PPTP,L2TP,TCP,UDP,DHCP,HTTP,TR-069,HTTPS,SSH etc protocols.
Routing	Supports static routing, multiple routing tables.
Multiple APN	Supports multiple APN access network.
System Assurance	Supports system automatic detection mechanism, automatic recovery of system abnormality or crash.

Data Link Assurance	Built-in link maintenance and self-recovery mechanism.
Firewall	Support flexible access control of TCP, UDP, ICMP packets. Supports port Mapping, NAT etc feature.
DDNS	Supported some service providers, others can be configured manually.
Firmware update	Supports local WebUI and remote OTA update firmware.
Embedded system	OpenWRT 21.02
Application development	Supports secondary development of application functions based on our device software.
VPN	
VPN Feature	Supports PPTP,L2TP etc VPN protocols.
MONITORING & MANAGEMENT	
Web GUI	HTTP, Firmware Upgrade
Command Line Interface	SSHv2
Management platform	Support remote management protocols

Dimensions.

