Yeacomm

Make Connection Safer and Easier

Yeacomm Smart 4G LTE-A ODU

NR610-LA

Outdoor IP67, Dual SIM, 4G CAT12

Overview

Yeacomm NR610-LA is a high speed 4G LTE-A outdoor CPE specifically designed to meet integrated data needs for residential, business and enterprise users. In the service area of the 4G LTE/3G network, it enables wide service coverage and provides high data throughput and networking features to customers who needs easy broadband access.

Features

High Performance Processor
MTK7621 higher performance dual-core CPU ensures the high speed processing performance.

Ultra-fast 4G CAT12 Speed up to 600Mbps
It support 4G LTA CAT12 network,CAT6 and CAT16 could be customized.

IP67 rated
High waterproof and dustproof protection structure is suitable for outdoor use.

Built-in VPN client support
Support PPTP, L2TP, IPSEC, Wireguard and Zerotier.
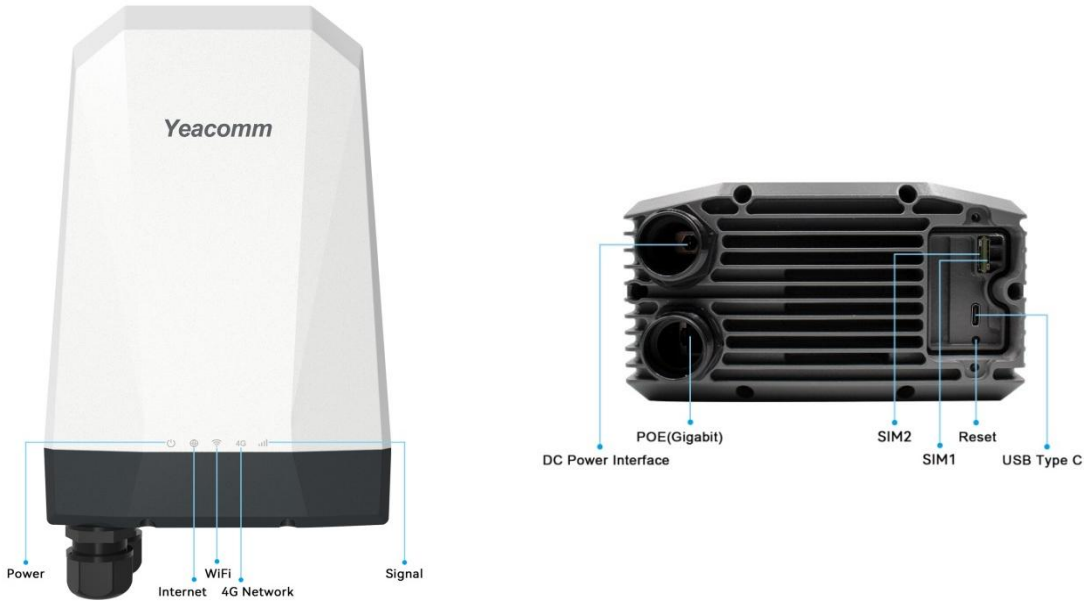
Friendly User Interface
Friendly UI design includes NAT, Bridge, Router mode, WEB, TR069 and SNMP-based device management.

Plug and Play
The device could automatically fix network problems in real-time without manually restarting or reconfiguring the network, makes it easier to access the Internet.

Indicators&Interfaces

Power
Internet   WiFi   4G Network   Signal

DC Power Interface   POE(Gigabit)   SIM2   Reset
SIM1   USB Type C

Installation

Wall Mounting

Pole Mounting

Application Scenarios

Home   Travel   Live Streaming   Shopping Mall

Specification

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Cellular Parameters	
Frequency Band	LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71 LTE TDD: BB34/B38/B39/B40/B41/B42/B43/B46 (LAA)/B48 (CBRS) UMTS WCDMA : B1/B2/B3/B4/B5/B6/B8/B19 GNSS: GPS/GLONASS/BDS/Galileo
MIMO	LTE: DL 2×2 MIMO
Theoretical Bandwidth	LTE CAT12: DL 600Mbps, UL 150Mbps UMTS: DC-HSDPA DL 42Mbps HSUPA UL 5.76Mbps WCDMA DL384Kbps, UL384Kbps

WIFI Parameters	
WIFI	IEEE802.11 a/b/g/n 2.4GHz (only for easy device configuration)

Hardware	
CPU	MTK7621 CPU@880MHz,Dual-core
Flash	128MB
DDR3	512MB

Software	
Network Status	Signal strength Network type(LTE/WCDMA/GPRS) SIM card status, Wi-Fi Status, LAN Status
System Status	Mobile parameters, APN/DHCP/Wi-Fi information, Memory details, Version/Device information
Internet Settings	Network mode setup, Data switch, Roaming setup
APN Setup	APN name, Nat Switch on APN bear, PDP(IPV4/IPV6/IPV4V6), MTU size
SIM Card	PIN Management SIM card Authentication
DHCP Setup	Enable/disable DHCP server Configure DHCP IP Pool Configure DHCP Lease Time
Static Route	Route Setup on WAN/LAN interface
DDNS	Support
Band Lock	Support

PCI Lock	Support
Cell Lock	Support
Carrier SIM Lock	Support
VPN	PPTP, L2TP, IPSEC, Wireguard, Zerotier
Backup/restore	Encryption backup current settings and restore the backup settings (Export/Import Configuration)
Work Mode	NAT/ Router mode
Device Management	
Software Update	WebUI update TR069 update
TR069 (Optional)	HTTP/HTTPS Supports upload / download the ACS specified file Support download CPE configuration file Support configure & queries parameters Support remote upgrade Support cycle monitor
SNMP(Optional)	Support
Diagnostics	Ping/Trace/Tcpdump Export current diagnosis results and operation logs
Power Supply	
PoE Input	48V/0.3A (IEEE 802.3af)
DC Input	12V/1.5A
Interfaces	
PoE/LAN Port	1 x Gigabit RJ45 LAN Port with PoE
DC Power Interface	1 x Three-core DC locomotive power socket, built-in power reverse protection
Indicator	Power, Internet, WIFI, 4G/5G, Signal
SIM/UIM Card	2 x Nano-SIM Card slots, Compatible with eSIM card
USB Port	Type C 2.0
Reset Button	Reset the parameters to default setting
PoE/LAN Port	1 x Gigabit RJ45 LAN Port with PoE
Physical Characteristics	
Outer Shell	ABS+PC Material Cover with Metal Base
Waterproof Level	IP67
Installation	Pole Mounting or Wall Mounting
Dimensions	241x156x89 mm
Weight	≤1.1kg
Operating Temperature	-30~+60ºC
Storage Temperature	-40~+85ºC
Humidity	5%-95% (No-condensing)

A 14th Floor,A06 Area,3rd Software Park, Jimei District, Xiamen, Fujian, China

C P: +86-592-6101492
F: +86-592-5222813
E: admin@yifanwireless.com

W www.yifanwireless.com