



N300

Wireless 4G/LTE VoIP Gateway KW9621V

Highlights

- **4G LTE**—Support up to 150Mbps download and 50Mbps upload speed
- **VOIP function** – 1 FXS ports helps users save phone bills by making phone calls over the Internet
- **300Mbps Wi-Fi** –Easily share wireless to users with low latency
- **Wireless Security**– Supports 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK encryption
- **4-Port Switch** – Extend the LAN to more devices and further distance
- **MIMO Tech** – Two external antennas to deliver the best wireless signal, fully expand coverage
- **TR-069** – Manage settings and updates remotely from any end equipment
- **Simple set up with GUI**—friendly GUI makes installation easier and faster.



Features



4G LTE

4GLTE – Support the latest generation 4G LTE (FDD/TDD) network.

150Mbps/50Mbps– Speeds up to 150Mbps for download and 50Mbps for upload



Speed

Fast Wireless Speed –Combined wireless speeds up to 300Mbps, making lag free connection for notebooks and smart phones.



Wi-Fi Range

Two external antennas–Twoexternal antennasto deliver the best LTE and wireless signal, fully expanded coverage

Features



General Applicability

Compatible with Various System –work with all current operating system like Windows10/8/7/vista/XP, Mac OS, Android, iOS, and network terminal equipment like Desktop, laptop, iPad. Mobile etc

Ease of Use

No Configuration –Simply insert the SIM card into the SIM slot and turn on the router

Fast Encryption – Easily setup a WPA encrypted secure connection at a push of the WPS button

Simple Power Switch– Power ON/OFF buttonprovide convenient power saving

Easy ResetButton – Never worry that you lost the login account

Security

Secured Wi-Fi Encryption–WPA-PSK/WPA2- PSK encryptions provide active defense against security threats for user networks

Guest Network–Create a completely separate Wi-Fi network for your guests' devices, ensuring they do not have access to your home network.

Specifications

Hardware

Physical Interface: 1 x USIM port

3 x 10/100Mbps Auto MDI/MDIX RJ45 LAN port

1 x 10/100Mbps Auto MDI/MDIX RJ45 WAN/LAN port

1 x FXS port

Buttons: WPS, RESET, On/Off

LED Indicators: Power, BAT, LAN4/3/2/1, WLAN, WPS, FXS, LTE

Antenna: 2 external 3dBi antennas

Power: Input: 100-240V AC, 50Hz

Output: 12VDC/1.5A

Memory: 16MB Flash, 64MB RAM

Processor: BCM63381+BCM43217T+LE9642

Dimension: 186.0mm x 139.0mm x 46.0mm

Weight: 245g

Wireless

Network Type: FDD-LTE cat4 (800/900/1800/2100/2600MHz);

TDD-LTE cat4 (1900/2350/2500/2600MHz);

WCDMA (900/1900/2100MHz);

LTE Signal Rate: Up to 150Mbps for downlink

Wireless Standards: IEEE 802.11n, IEEE 802.11g, IEEE 802.11b

Frequency: 2.4GHz-2.4835GHz

Wireless Speed: 11n speed up to 300Mbps

Transmit Power: <(20dBm)

Wireless Security: 64/128-bit WEP, WPA-PSK/WPA2-PSK/TKIP/AES

Wireless Features: Enable/Disable Wireless Radio, Multi-SSID, WDS,
Access Control List, Guest Network, Wireless Bridge,
MAC Filter

Specifications

Software

Operating Modes: LTE Router, Normal Wireless Router, VoIP Gateway

WAN Connection Types: DHCP Client/Static IP/PPPoE, PPPoA, IPoA, PPTP/L2TP/Bridge

DHCP: Server, Client, DHCP Client List, Address Reservation, DHCP Relay

VoIP Function: Call Waiting/Forwarding/Transferring/Block/Barring, Anonymous Calling /Call Blocking, three-Way Conference, DND (Do Not Disturb)/CNG (Comfort Noise Generation)/DTMF Detection and Generation/Silence Suppression, SIP (RFC 3261)/SDP (RFC 2327)/RTP (RFC 1889)/RTCP (RFC 1890), Codec: G.711, G.723.1, G.726, G.729.A, G.722, G.722.2 Echo Cancellation: G.168, Multiple SIP, MWI VAD (Voice Activity Detection), T.38 Fax Relay

Security Support: PAP/CHAP Authentication for PPP mode NAT for Firewall, SPI Firewall with DoS protection ALG for NAT/PAT support Parental Control, IP Filtering and MAC Filtering 2 Level (User/Admin) Authentication to Router

Software

Function Features: PPP Auto Reconnect and Configurable Timeouts , PPP Auto Reconnect on WAN Access/PPP on Demand , Static Route, Dynamic RIPv1, RIPv2 support MTU Adjustment, DNS Relay Agent Network Address Translation (NAT), NAT Application Level Gateway for popular applications , IGMP Snooping v1/2 and IGMP Multicast

Quality of Service: Priority Queuing /Classification Rules /802.1p, WMM

Port Forwarding: Virtual Server, Port Triggering, UPnP, DMZ

VPN Pass-through: IPsec /PPTP /L2TP Pass-through; IPsec VPN

Management Support: Web Based GUI, Remote Access Control, TR-069 FTP/HTTP, Telnet, Command Line Interface via serial interface Diagnostic Test, Firmware upgrade-able VLAN / 802.1Q

Specifications

Others

Operating System: Windows10/8/7/vista/XP, Mac OS, Android, iOS

Environment: Operating Temperature: -10°C~55°C(14~131°F)

Storage Temperature: -30°C~60°C(-22~140°F)

Operating Humidity: 5%~95% non-condensing

Storage Humidity: 5%~90% non-condensing

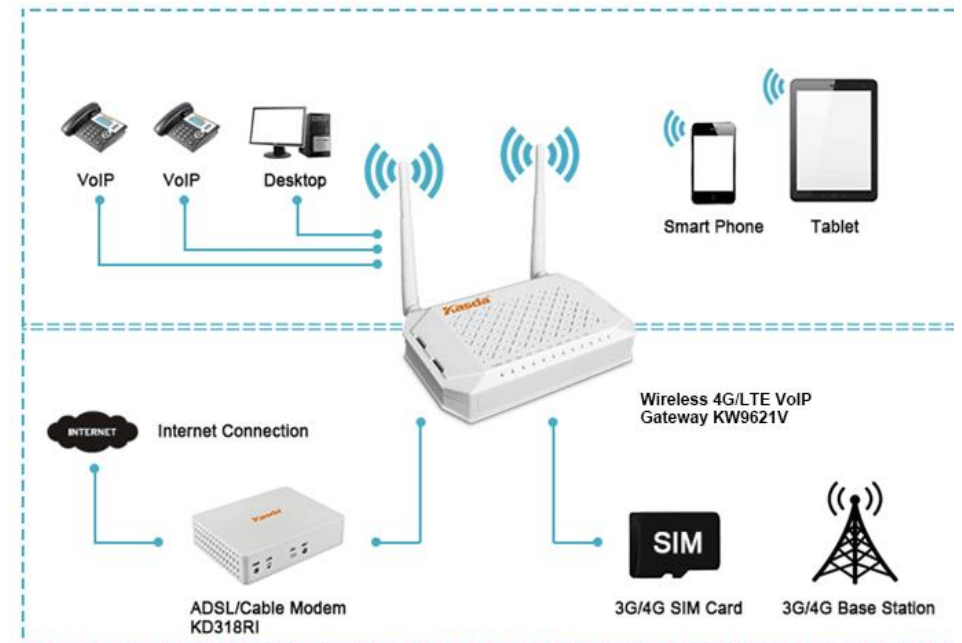
Package Content: 1 x KW9621V

1 x RJ45 Cable

1 x Power Adapter

1 x Quick Installation Guide

Diagram



Support Bands

4G	FDD-LTE	BAND 1 : 2100MHz Range: UL 1920~1980MHz; DL 2110~2170MHz BAND 3 : 1800MHz Range: UL 1710~1785MHz; DL 1805~1880MHz BAND 7 : 2600MHz Range: UL 2500~2570MHz; DL 2620~2690MHz BAND 8 : 900MHz Range: UL880~915MHz; DL925~960MHz BAND 20 : 800MHz Range: UL832~862MHz; DL 791~821MHz	Uplink Speed	50Mbps
			Downlink Speed	150Mbps
	TDD-LTE	BAND 38 : 2600MHz Range:2570~2620MHz BAND 40 : 2350MHz Range:2300~2400MHz BAND 41 : 2500MHz Range:2496~2690MHz	Uplink Speed	50Mbps
			Downlink Speed	112Mbps
3G	WCDMA	BAND 1 : 2100MHzUL 1920~1980 MHz; DL 2110~2170 MHz BAND 2 : 1900MHzUL 1850~1910MHz; DL 1930~1990MHz BAND 8 : 900MHz UL 880~915MHz; DL 925~960MHz	Uplink Speed	5.76Mbps
			Downlink speed	21.6Mbps

Note: For other particular band, e.g. Band 42, please send inquiry by email, KW9621VV can be customized according to demands.

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