



RTW-620

WIRELESS 4G/LTE GATEWAY



FLEXIBLE

Internet Access
Wi-Fi and Voice

HIGH SPEED

Cat.4 LTE

LOWER COST

Optimized design

TURN KEY

Fast deployment

SECURED

VPN
Firewall

Overview

RTW-620 is a wireless office router that provides Small and Medium businesses with secured Internet access, Wi-Fi connectivity and Voice over IP services. It connects to the Internet from a WAN Ethernet port or through the mobile 4G/LTE interface with backup functionalities.

RTW-620 is a Cat.4 4G/LTE access router that provides 150 Mbps Internet bandwidth. It is compatible with all frequency bands used in Europe, Africa and Middle-East countries. It supports secured VPN protocols to protect user's information and connection.

RTW-620 connects users with an embedded Wi-Fi interface with either 802.11 n or 802.11ac options to deliver up to 1.2 Gbps Wi-Fi network bandwidth.

RTW-620 is a plug-and-play product. It does not require any specific setting for Home Office requirements. It can be controlled through the TR-069 management standard which enable most efficient integration in a Service Provider network.

RTW-620 delivers all connectivity required by SME businesses with two Voice over IP lines, four Ethernet ports and a high speed 802.11ac Wi-Fi Access Point. The Voice services include most call control functions such as Call Waiting / Forwarding / Transferring / Barring, Three Way Conferencing, DTMF detection, Anonymous Calling, and Call Blocking, Do Not Disturb, etc. T38 Fax Relay is supported.

Applications

RTW-620 is aimed at serving many applications such as

- Small and Medium size Enterprises : Internet access and office inter-connection over a WAN Ethernet / IP network and backup over the Mobile 4G/LTE network with VoIP POTS services.
- Mobile network Hot-Spot : integrated Wi-Fi Hot-Spot with fast Internet access over the 4G/LTE mobile network

Technical Characteristics

Ethernet	
WAN port	1x 10/100BaseT, RJ45
LAN ports	3x 10/100BaseT, RJ45
4G/LTE Network	
FDD-LTE	Cat.4, 800/900/1800/2100/2600 MHz
TDD-LTE	Cat.4, 1900/2350/2500/2600 MHz
WCDMA	900/1900/2100 MHz
Antenna	3dBi external antenna
Protocols	
IP	IP v4 and v6
DHCP	Server, Client, Relay
Security	PAP/CHAP, Firewall, DoS protection
Firewall	IP and MAC filtering
Routing	PPP, Rip v1/2, IGMP, DDNS
VPN	IPSec, PPTP, L2TP
Multicast	IGMP Snooping v1/2
Wi-Fi	
RTW-621	802.11b/g/n, 2.4 GHz, 300 Mbps
RTW-622	802.11ac, 2.4 & 5 GHz, 1.2 Gbps
Protocols	WEP, WPA-PSK, WPA2-PSK/TKIP/AES

Voice interfaces	
FXS ports	2x RTW-622 / 1x RTW-621
Codec	G.711/723.1/726/729.A/722/722/2
SIP	RFC 3261/2327/1889/1890
VoIP	Call Waiting / forwarding / Transferring / Barring / Blocking, Anonymous Calling, Three-Way Conference, Do Not Disturb
General	
Dimensions	186 x 139 x 46 mm
Weight	0.3 kg
Power input	12 Vdc
Mains	External 110-230 Vac converter
Max power	15 W
Temperature	-10 to +55 °C
Hygrometry	5 to 90%, non-condensing
Management	ftp, http, TR-069

Ordering Information

Ref	WAN	LAN	4G/LTE	Wi-Fi	FXS	Wi-Fi	USB
RTW-621	1x Eth	3x Eth	1	802.11n	1	802.11n	-
RTW-622	1x Eth	3x Eth	1	802.11ac	2	802.11ac	1



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