D-Link®
Building Networks for People

DWR-M961V
Cat 6 AC1200 4G LTE Router

Features

Connectivity
- 10/100/1000 WAN port to connect to the Internet
- Three 10/100/1000 Ethernet LAN port to connect wired devices for high-speed activities
- SIM card slot for a mobile broadband connection
- Wireless 802.11 a/b/g/n/ac

Security
- Supports WPA/WPA2-PSK encryption
- Dual-active firewalls (NAT/SPI) to control traffic and prevent exploits and intrusions

D-Link's DWR-M961V Cat 6 4G AC1200 LTE Router allows you to access mobile broadband networks from anywhere. Once connected, you can check e-mail, surf the web, and stream media. Use your carrier's SIM/UICC card to share your 3G/4G Internet connection through a secure wireless network or by using any of the three 10/100/1000 Ethernet ports.

Fast Mobile Internet

The DWR-M961V lets you connect to your 3G/4G mobile connection with fast downlink speeds of up to 300 Mbps and uplink speeds up to 50 Mbps, giving you the speed you need for fast, responsive Internet access. Surf the web with ease and stream music and video over the Internet to your PCs and mobile devices.

Secure Wired and Wireless Connections

The DWR-M961V utilizes dual-active firewalls (SPI and NAT) to prevent potential attacks across the Internet. Industry standard WPA/WPA2 wireless encryption keeps your wireless network secure and your traffic safe, allowing you to share your 3G/4G connection without worrying about unauthorized users accessing your network.

Easy to Set Up and Use

The DWR-M961V can be installed quickly and easily almost anywhere. It can be configured through almost any web browser without the need for special software. This router makes it possible to stay connected, even when conventional broadband services are unavailable.

Technical Specifications

Hardware Parameters

Chipset	MT2731
CPU frequency	Dual-core 1.46 GHz
Memory	512MB LPDDR2
Flash	4GB EMMC
Wi-Fi	2T2R 2.4GHz/5GHz 802.11a/b/g/n/ac, 1200Mbps
Device Interfaces	1 x LTE Interface 3 x RJ45 10M/100M/1000M LAN Ethernet Interface 1 x RJ45 10M/100M/1000M WAN Ethernet Interface 1 x Reset Button 1 x WPS Button 1 x Power Jack 1 x Power Switch 1 x USB 2.0 Port
Wi-Fi Antenna	2 x 5dBi external antenna
LTE Antenna	Built-in antenna

LTE Support Bands

DWR-M961V	GSM: B3/B8 WCDMA: B1/B8 FDD LTE: B1/B3/B7/B8/B20 TDD LTE: B38 /B40/B41
CA	CA: 1A+3A,1A+8A, 1A+20A, 3A+8A, 3A+20A, 3A+7A, 7A+20A,3A+40A,8A+41A

Standards	802.11a/b/g/n/ac 2.4G(2.4~2.4835GHz), 5.0G(5.15~5.825GHz)
Modulation Schemes	1M DBPSK, 2M DQPSK 5.5M, 11M CCK 6M, 9M, 12M, 18M, 24M, 36M, 48M, 54M, …866M 256QAM
Transfer Rate	11a:54/48/36/24/18/12/9/6 Mbps 11n:300Mbps /…/6.5Mbps 11b:11/5.5/2/1 Mbps 11ac:866Mbps/.../6.5Mbps 11g:54/48/36/24/18/12/9/6 Mbps

Software Features

General		
	RFC0768 UDP	Flexible and secure SPI Firewall, Denial of Service (DoS) protection
	RFC0791 IP	Port filtering, IP filtering and MAC filtering
	RFC0792 ICMP	URL filter
	RFC0793 TCP	QOS Flow Control
	RFC0826 Ethernet ARP	DDNS
	RFC0894 IP over Ethernet	IPV6
	RFC0922 Broadcasting Internet Datagrams	Static route
	RFC0950 Internet Standard Subnetting	SNTP Date/time update from Internet Time Server
	IEEE802.3 Ethertype	ETH WAN link-backup via 3G/4G module
	IEEE802.1p	WEB GUI
	IEEE 802.11b	Wireless schedule
	IEEE 802.11g	FOTA
	IEEE 802.11n	
	IEEE 802.11ac	
	RFC2516 PPP Over Ethernet (PPPoE)	
	RFC1662 PPP in HDLC-like Framing	
	RFC1332 PPP Internet Protocol Control Protocol	
	IPoE (a.k.a IP over Ethernet over AAL5)	
	DHCP server, client	
	NAT, NAPT and ALG	
	Port forwarding (Virtual server)	
	Logs and statistics	
	TR-069 remote management (will be implemented as per req)	
	RFC1042 A standard for the Transmission of IP Datagrams over IEEE 802 Networks	

Environment Requirement

Operating Temperature	0℃ ~ 40℃
Storage Temperature	-20℃ ~ 90℃
Operating Humidity	5% ~ 95% (typical)
Power Supply	12V/1A

EMC / Safety

Regulation Compliance	CE
Safety Regulations	UL
Green Standard	RoHS