

VDSL2 Wireless Modem Router



KW52293 Features:

- **2.4G 300Mbps Wi-Fi:** Two internal antennas to deliver the best wireless signal, connect everything in your home and office in one device
- **VDSL fall back:** Falling back to ADSL2/2+ automatically
- **High Speed:** Downstream rates up to 100Mbps and upstream rates up to 100Mbps
- **Multi-function USB2.0 Port:** Printers, files and media can be shared with computer or using the device's FTP server
- **Operating distance:** up to 1KM(VDSL mode), up to 7KM(ADSL mode)
- **WPS Button:** Instant connection to wireless network safely
- **1 Gigabit port and 4 Fast Ethernet ports:** Extent LAN to more devices and further distance
- **TR-069:** Manage settings and updates remotely from any end equipment
- **Compatibility:** Interoperable with all major DSLAM equipments
- **QOS:** Quality of Service control for traffic prioritization and bandwidth management
- **Simple set up with GUI:** GUI makes installation easier and faster

➤ Specifications

BASICS

DSL Standard:	Full-rate ANSI T1.413 issue 2 ITU-T G.992.1 (G.dmt), supporting Annex A or B ITU-T G.992.2 (G.lite), supporting Annex A or B ITU-T G.992.3 (G. dmt.bis), supporting Annex A or B, Annex L and Annex M ITU-T G.992.4 (G.lite.bis), supporting Annex A or B ITU-T G.992.5 (ADSL2+), supporting Annex A or B, Annex L and Annex M ITU-T G.993.2(G.vdsl2) (Profile 8a, 8b, 8c, 8d, 12a,12b,17a, 30a) ITU-T G.994.1 (G.hs) and G.993.1 VDSL
Operation Mode:	VDSL Modem, Integrated with Wireless Router/AP, 5 Port Switch
WAN Connection Type:	DHCP client/Static IP/ PPPoE, Dynamic IP, Bridge, Multiple WAN
Rate Adaptive Speed:	32 Kbps steps
Power Step Up:	0.5dbm

WIRELESS

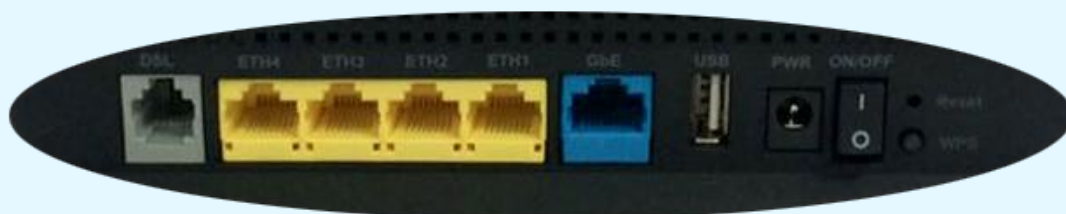
Wireless Standard:	IEEE 802.11b/g/n
Frequency Range:	2,4Ghz-2,462Ghz
Speed:	2T2R Up to 300Mbps
RF Output Power:	Min: 14dbm Max: 17dbm
Antenna Gain:	3dbi
Transmit Power(EIRP):	Min: 17dbm Max: 20dbm
Wireless Security:	64/128-bit WEP/WPA-PSK/WPA2-PSK/TKIP/AES
Wireless Features:	Multi-SSID Access Control List WDS and WMM

SOFTWARE

Function Features:	Static Route, Dynamic RIPv1, RIPv2 support DMZ support NAT Application Level Gateway for popular applications DHCP Server/Relay/client DNS Relay Agent/DDNS support PPP Auto Reconnect on WAN Access/PPP IGMP v.1/v.2 snooping and IGMP Multicast IPv4 and IPv6 dual stack
Security Support:	Parental control PAP/CHAP for PPP mode NAT for Firewall SPI Firewall 2 Level (User/Admin) Authentication to Router IP and MAC Filtering
Management Support:	Web Based GUI FTP /HTTP/Telnet/TR069 /SNMP v1/2c Command Line Interface Diagnostic Test Firmware upgrade-able Supports Remote Access Control
ATM, PTM and PPP Features:	RFC2684 /2364 /2516 /2225/1577 /148/ 1483/2684 ATM Forum UNI 3.1/4.0, ATM Adaptation Layer Type 5-AAL5 VPI Range (0-255) and VCI range (32-65535) UBR, CBR, VBR-rt, VBR-nrt F4/F5 OAM Loopback AIS and RDI OAM cells Supports 16 PVCs
VPN:	IPSec /PPTP /L2TP pass through
Port Forwarding:	Virtual server, Port Triggering, DMZ, ALG, UPnP
Dynamic DNS:	DynDns, NO-IP

DHCP:	Server, Client, DHCP Client List Address Reservation, DHCP relay
QOS:	Priority Queuing Classification Rules 802.1p
HARDWARE	
Physical Interface:	4 *FE LAN,1 Gigabit WAN/LAN, 1*DSL RJ11 port,1*USB 2.0 Host
Buttons:	Power /WPS /Reset
Power:	Input: 100-240V AC,50Hz
LED Indicators:	Power,GE,LAN1/2/3/4,WLAN,DSL,INET,WPS
USB sharing:	Samba(Storage)/FTP Server/Media Server/Printer Server
Antenna:	Two Internal Antenna, MIMO 3dBi (default)
Processor:	RTL8685P+RTL8192ER+RTL8275S
Memory:	4MB flash and 64MB RAM
OTHERS	
Operation System:	Windows 7,8,XP, VISTA/Macintosh/Linux
Package Content:	Power Plug x 1, Installation Manual x 1, RJ11 cable x 1 RJ45 cable x 1, External splitter x 1,
Environment:	Operating Temperature: 0°C~40°C(32~104°F) Storage Temperature: -30°C~60°C(-22~140°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing
Dimension:	9.05*5.51*2.09 in (230 x 140 x 53 mm)
Weight:	0.77 lbs (350 g)
Warranty:	One year

➤ Interface:



➤ Package Content:



➤ **Related products:**



KW5212 VDSL Modem Router

External 2T2R
1 *USB
1* Gigabit WAN port
3 *Fast LAN port
300Mbps Wi-Fi Speed



KW5262 VDSL VoIP Gateway

Internal 2T2R
1 *USB
2*FXS port
4 *Fast LAN port
300Mbps Wi-Fi Speed



KW5261 VDSL VoIP Gateway

Internal 2T2R
1 *USB
1* FXS port
1*Fast WAN port
3 *Fast LAN port
300Mbps Wi-Fi Speed