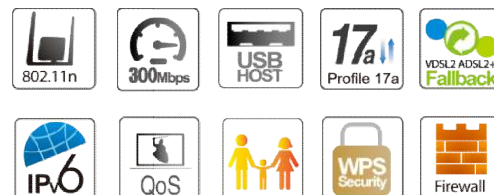


## VDSL Wireless Bonding Router



### KW5225 Features:

- **Support VDSL/ADSL Bonding:** it can be bonded with another VDSL to double current band width, it is great for users who want to enjoy higher bandwidth at lower cost
- **2.4G 300Mbps Wi-Fi:** Two external 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 50Mbps
- **Standard:** IEEE 802.11b/g/n  
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)  
ITU-T G.994.1 (G.hs) and G.993.1 VDSL
- **Multi-function USB2.0 Port:** Printers, files and media can be shared with computer or using the device's FTP server. Users can enjoy added value of adding voicemail functionality to their device with attached USB storage that they can access over the internet.(Optional)
- **Operating distance:** up to 1KM in VDSL mode, up to 7KM in ADSL mode
- **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

<b>Operation Mode:</b>	VDSL Modem, 5 Port Switch
<b>Speed:</b>	Rate Adaptive: 32 Kbps steps
<b>WAN Connection Type</b>	DHCP client/Static IP/PPPoE, Dynamic IP, Bridge, Multiple WAN
<b>Standard:</b>	VDSL2,VDSL,ADSL2+,ADSL2,ADSL

### WIRELESS

<b>Speed:</b>	11n speed up to 300Mbps
<b>Frequency Range:</b>	2.4Ghz-2.4835Ghz
<b>Standard:</b>	IEEE 802.11b/g/n
<b>Wireless Features:</b>	Multi-SSID Access Control List WDS and WMM Wireless operating range: Indoor up to 100m, Outdoor up to 300m Wireless transmit power: <20dBm (EIRP)

### SOFTWARE

<b>Function Features</b>	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
<b>Security Support:</b>	64/128-bit WEP/WPA-PSK/WPA2-PSK/TKIP/AES Parental control PAP/CHAP for PPP mode NAT for Firewall SPI Firewall 2 Level (User/Admin) Authentication to Router IP and MAC Filtering
<b>Management Support:</b>	Web Based GUI FTP /HTTP/Telnet/TR069 /SNMP v1/2c Command Line Interface Diagnostic Test Firmware upgrade-able Supports Remote Access Control
<b>ATM, PTM and PPP Features</b>	VPI Range (0-255) and VCI range (32-65535) F4/F5 OAM Loopback ATM QoS: UBR, CBR, VBR-rt, VBR-nrt ATM Encapsulation: VC, LLC Connection Type: PPPoE, DHCP Client, Static IP, PpOA, IPoA, Bridge PTM Channels:8 Support VLAN Supports 8 PVCs Group binding: Bind LAN port with WAN connection
<b>VPN:</b>	IPSec /PPTP /L2TP pass through
<b>Port Forwarding:</b>	Virtual server, Port Triggering, DMZ, ALG, UPnP
<b>Dynamic DNS:</b>	DynDns, NO-IP
<b>DHCP:</b>	Server, Client, DHCP Client List Address Reservation, DHCP relay
<b>QOS:</b>	Priority Queuing Classification Rules 802.1p

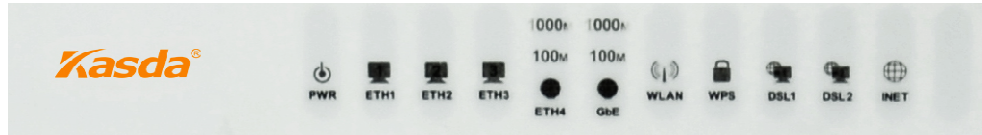
### HARDWARE

<b>Physical Interface:</b>	3*FE LAN, 2*Gigabit Ethernet port, 1*DSL RJ11 port(4 core), 1*USB 2.0 Host
<b>Buttons:</b>	Power /WPS /WiFi /Reset
<b>Power</b>	Input: 100-240V AC,50Hz
<b>LED Indicators:</b>	Power,LAN1/2/3/4,GbE,WLAN,WPS,DSL1/2,INET
<b>USB sharing:</b>	Samba(Storage)/FTP Server/Media Server/Printer Server
<b>Antenna:</b>	Two external antenna, MIMO 3dBi ( default )
<b>Processor</b>	BCM63168+B50612E+BCM6306
<b>Memory</b>	+2xBCM6302 8MB flash and 64MB RAM

## OTHERS

<b>Operation System:</b>	Windows 7,8,XP, VISTA/Macintosh/Linux		
<b>Package Content:</b>	Power Plug x 1, RJ45 cable x 1,	Installation Manual x 1, External splitter x 1,	RJ11 cable 1, Antenna x 2
<b>Environment:</b>	Operating Temperature: 0°C~40°C(32~104°F) Storage Temperature: -30°C~60°C(-22~140°F) Operating Humidity: 10%~95% non-condensing Storage Humidity: 5%~90% non-condensing		
<b>Dimension:</b>	6.89*4.72*1.38 in(175*120*35 mm)		
<b>Weight:</b>	0.88 lbs(400 g)		

### Interface:



### Package Content:



### Related products:



**KW5262 VDSL VoIP Gateway**

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



**KW52283 VDSL Modem Router**

Internal 2T2R  
1 \*USB  
1\* Gigabit WAN 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

