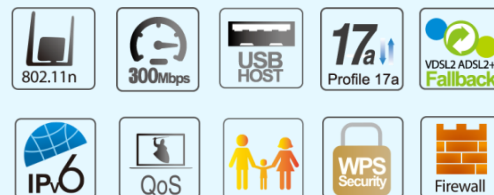# Kasda®
Networks with Innovation

VDSL2 Wireless Modem Router

KW5212 Features:

➤ **2.4G 300Mbps Wi-Fi**:   Two external antennas to deliver the best wireless signal, connect everything in your home and office in one device

➤ **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 -TG.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 7KM in ADSL mode;1KM in VDSL mode

➤ **Rate Adaptive:**   32 Kbps steps

➤ **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

www.KASDANET.com

➤ Specifications

BASICS	
Operation Mode:	VDSL Modem, 4 Port Switch
WiFi Speed:	11n speed up to 300Mbps
Wifi Frequency Range:	2,4Ghz-2,4835Hhz
Standard:	ITU G.984.1/2/3/4　　　　IEEE 802.11b/g/n
WAN Connection Type	PPPoE, PPPoA, IPoE, Bridge, IPoA
Wireless Features:	Multi-SSID Access Control List WDS and WMM Wireless operating range: Indoor up to 100m, Outdoor up to 300m Wireless transmit power: <20dBm

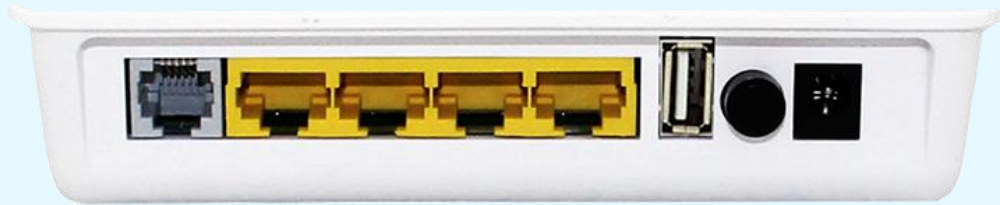| SOFTWARE	
Network Protocols	Static route, Dynamic RIPv1, RIPv2 support DMZ support NAT Application Level Gateway for popular applications DHCP Server/Relay/client DNS Relay Agent/DDNS support PPP Auto Reconnect on WAN Access/PPP IGMP v.1/v.2 snooping and IGMP Multicast IPv4 and IPv6 dual stack
Security Support:	64/128-bit WEP/WPA-PSK/WPA2-PSK/TKIP/AES Parental control PAP/CHAP for PPP mode NAT for Firewall SPI Firewall 3 Level (Admin/User//support) 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 Bridge and Routed LLC& VC RFC2364 PPP over ATM ALL5 RFC2516 PPP over Ethernet RFC2225/RFC1577 Classical IP over ATM RFC1483 Transparent Bridge RFC 1483/2684 Bridged Ethernet 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 client /PPTP /L2TP pass through
Port Forwarding:	Virtual server, Port Triggering, DMZ, ALG, UPnP
Transmit Power:	<20dBm(EIRP)
Dynamic DNS:	DynDns, TZO
DHCP:	Server, Client, DHCP Client List Address Reservation, DHCP relay
QOS:	Priority Queuing Classification Rules 802.1p

HARDWARE	
Physical Interface:	3*FE port, 1*Gigabit Ethernet port, 1*DSL RJ11 port, 1*USB 2.0 Host
Buttons:	Power /WPS /Reset
Power	Input: 100-240V AC,50Hz
LED Indicators:	Power,LAN1/2/3/4,WLAN,DSL,INET
USB sharing:	Samba(Storage)/FTP Server/Media Server/Printer Server
Antennas:	Two external antenna, MIMO 3dBi(default)

www.KASDANET.com

OTHERS	
Operation System:	Windows 7,8,XP, VISTA/Macintosh/Linux
Package Content:	Power Plug x 1, Installation Manual x 1, RJ11 cable 1 RJ45 cable x 1, External splitter x 1, Antenna x 2
Environment:	Operating Temperature: 0℃~40℃(32~104℉) Storage Temperature: -30℃~60℃(-22~140℉) Operating Humidity: 10%~95% non-condensing Storage Humidity: 5%~90% non-condensing
Dimension:	7.48*5.51*1.38 in(190*140*35 mm)
Weight:	0.88 lbs(400 g)

➤ **Interface:**

➤ **Package Content：**

➤ **Related products:**

KW5262 VDSL VoIP Gateway

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

KW52283 VDSL Modem Router

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

KW5261 VDSL VoIP Gateway

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

www.KASDANET.com