

## Wireless ADSL2+ Modem Router



### KW5813 Features:

- **2.4G 300Mbps Wi-Fi:** Two external antennas to deliver the best wireless signal, connect up to 16 devices in your home
- **High Speed:** Downstream rates up to 24Mbps and upstream rates up to 1Mbps
- **Operating distance:** up to 5KM
- **4-Port Switch:** Extent LAN to more devices and further distance
- **Multi-function USB2.0 Port:** Printers, files and media can be shared with computer or using the device's FTP server.
- **WPS Button:** Instant connection to wireless network safely
- **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>	ADSL2+ Modem, 4 Port Switch
<b>Speed:</b>	11n speed up to 300Mbps    Rate Adaptive:    32 Kbps steps
<b>Frequency Range:</b>	2,4Ghz-2,4835Hhz
<b>Standard:</b>	IEEE 802.11b/g/n                      Full-rate ANSI T1.413 issue 2 ITU-T G.992.1 /2/3/4/5              ITU-T G.994.1 (G.hs)
<b>WAN Connection Type</b>	DHCP ,Static IP, PPPoE, PPPoA, IPoA, Bridge, Multiple WAN
<b>Wireless Features:</b>	Multi-SSID Access Control List Hide Access Point Clients Isolation Disable WMM Advertise Enable Wireless Multicast Forwarding (WMF) Wireless Bridge MAC Filter

## SOFTWARE

<b>Protocol Support:</b>	Static Route, Dynamic RIPv1, RIPv2 support MTU Adjustment DMZ support Network Address Translation (NAT) PVC Port Mapping(Ethernet ports) Port Forwarding NAT Application Level Gateway for popular applications DHCP Server/Relay/client DNS Relay Agent/DDNS support SNMPv1, v2 support UPnP(Universal Plug and Play) TR069 CWMP PPP Auto Reconnect and configurable timeouts PPP Auto Reconnect on WAN Access/PPP on Demand IGMP v.1/v.2 snooping and IGMP Multicast ALG for SIP and H.323 64/128-bit WEP/WPA-PSK/WPA2-PSK/TKIP/AES
<b>Security Support:</b>	Parental control PAP/CHAP for PPP mode NAT for Firewall SPI Firewall Denial-of-service (DoS) protection ALG (Application-level gateway) for NAT/PAT support 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>	RFC2684 /2364 /2516 /2225/1577 / 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
<b>VPN:</b>	IPSec /PPTP /L2TP pass through
<b>Port Forwarding:</b>	Virtual server, Port Triggering, DMZ, ALG, UPnP
<b>Transmit Power:</b>	<20dBm(EIRP)
<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
<b>IPV6:</b>	IPv4 and IPv6 dual stack

## HARDWARE

<b>Physical Interface:</b>	4 *FE LAN, 1*DSL RJ11 port,1*USB2.0 port
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<b>Buttons:</b>	Power /WPS /Reset/WiFi
<b>Power</b>	Input: 100-240V AC,50Hz
<b>LED Indicators:</b>	Power,LAN1/2/3/4,WLAN,DSL,INET
<b>Antenna:</b>	Two external antenna, MIMO 3dBi (default)
<b>Processor</b>	BCM6318+BCM43217T+BCM6301
<b>Memory</b>	8MB flash and 64MB RAM
<b>USB sharing:</b>	Samba(Storage)/FTP Server/Media Server/Printer Server

## OTHERS

<b>Operation System:</b>	Windows 7,8,XP, VISTA/Macintosh/Linux
<b>Package Content:</b>	Power Plug x 1, Installation Manual x 1, RJ11 cable x 1 RJ45 cable x 1, External splitter x 1
<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>	7.48*5.51*1.38 in (190*140*35mm)
<b>Weight:</b>	0.88 lbs (400 g)
<b>Warranty</b>	One year

### Interface:



### Package Content:



### Related products:



**KW58293 ADSL2+ Modem Router**

Internal 2T2R  
1\* DSL port  
4 \*Fast LAN port  
300Mbps Wi-Fi Speed



**KW58283 ADSL2+ Modem Router**

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



**KW5863 ADSL2+ VoIP Gateway**

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