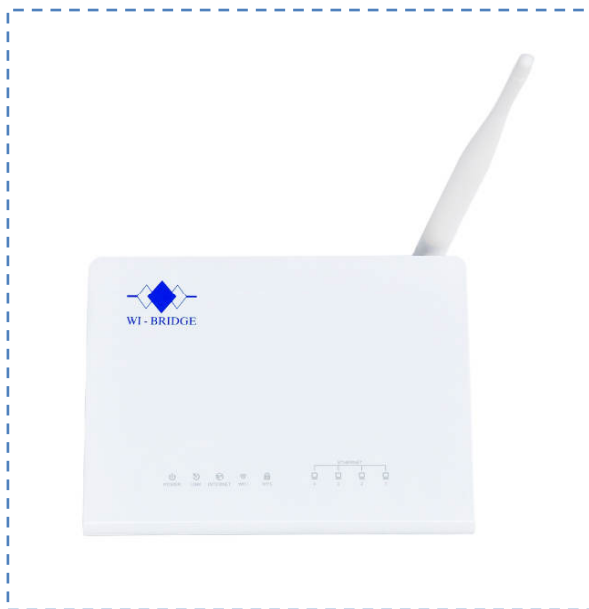




## WI-BRIDGE 150Mbps Wireless N ADSL2+ Modem Router (ADW40-01)

**ADW40-01** is a high speed wireless N ADSL2+ modem router. It combines the functionality of a DSL modem, 4 port NAT router and a wireless access point.



Ideally suited for a residential, SOHO or a business entity as the device provides high-speed internet user access via four 10/100 BaseT Ethernet ports and an 11N Wi-Fi port. It connects to the internet via one DSL enabled telephone line.

By supporting the latest ADSL standards, ADW40-01 brings with much higher speed than a dial-up connection (**up to 24Mbps downstream and 3.5Mbps upstream and longer reach from user's local Internet Service Provider(ISP)**) without compromising on the voice quality on the telephone line. Now you can enjoy more kinds of bandwidth consuming applications like HD video streaming wirelessly which cannot be

accommodated by 11g products. ADW40-01 can guarantee the security of data transmission from home to corporate network or between remote branch offices.

With built in robust firewall functionality the ADW40-01 allows users to **safely access internet, share data, audio and video streaming**. This device supports secure WLAN access and allows users to use it as a **WLAN access point or WLAN device**.

It complies with IEEE 802.11, 802.11b/g/n specifications, WEP, WPA, and WPA2 security specifications.

ADW40-01 offers convenient configuration and management by a web browser through Ethernet and or wireless interface

### **Features:**

- Complies with IEEE 802.11n to provide a wireless data rate of up to 150Mbps
- Provides 1 RJ11 DSL port, 4 RJ45 LAN ports
- Up to 24Mbps downstream speed
- Reach of 6.5Km from your ISP DSLAM
- Supports Built-in PPPoE
- DHCP Server/Client, UPnP, DDNS
- NAT, static routing, and DMZ host
- QoS prioritization based on IP type of service

- Easy Setup Assistant provides quick & hassle free installation
- Provides 64/128-bit WEP encryption security and wireless LAN ACL (Access Control List)
- Supports web management and firmware upgrade
- Supports WPS (Wi-Fi Protected Setup)
- Easy one touch WPA wireless security encryption with WPS button
- Supports port VLAN binds specific LAN ports and PVC's for differential services
- Backward compatible with 11b/g products
- Built-in firewall supporting IP address filtering, MAC address filtering

## Technical Specifications:

General		
IEEE Standards	IEEE 802.3, 802.3u, 802.11n, 802.11g, 802.11b	
ADSL Standards	Full-rate ANSI T1.413 Issue 2, ITU-T G.992.1(G.DMT), ITU-T	
	G.992.2(G.Lite), ITU-T G.994.1(G.hs)	
ADSL2 Standards	ITU-T G.992.3 (G.dmt.bis), ITU-T G.992.4 (G.lite.bis)	
ADSL2+ Standards	ITU-T G.992.5	
DATA RATES	Downstream: Up to 24Mbps	
	Upstream: Up to 3.5Mbps (with Annex M enabled)	
ATM / PPP Protocols	ATM Forum UNI3.1/4.0 PVC (up to 8 PVCs)	
	ATM Adaptation Layer Type 5 (AAL5)	
	Traffic Shaping (ATM QoS) UBR, CBR, VBR-rt, VBR-nrt	
	Bridged and routed Ethernet encapsulation	
	VC and LLC based multiplexing	
	PPP over Ethernet (RFC2516)	
	PPP over ATM (RFC 2364)	
	IPoA (RFC1577/2225)	
	Main Features	Bandwidth Control
		Dynamic Host Configuration Protocol (DHCP), DHCP relay
Network Address Translation (NAT)		
Static Routing, RIP v1/v2		
VPN(PPTP, L2TP, IPSec) Pass-through		
PVC/Ethernet Port Grouping		
DNS Relay, DDNS		
IGMP Multicast, IGMP snooping V1/2		
Virtual server, DMZ, ACL(Access Control List)		
UPnP		
Management	Web Based Configuration, Remote management, Telnet management,	
	Command Line Interface(CLI), SSL for TR-069, SNMP v1/2c, SNMP over	
	EOC, Web Based Firmware	
	Upgrade, CWMP(TR-069), Diagnostic Tools	

	NAT and SPI Firewall
Security	MAC / IP / Packet / URL Filtering
Operation Frequency	2.4GHz
Wireless Speed	11N: Up to 150Mbps (dynamic)
Wireless Security	Provides 64/128-bit WEP encryption security, WPA-PSK/WPA2-PSK authentication and TKIP/AES encryption security
<b>Hardware</b>	
Interface	1 x RJ11 DSL Port, 4 x RJ45 LAN Port
LED Indicators	Power,DSL,Internet,WLAN,WPS,LAN1-LAN4
Buttons	Power ON/OFF Button, WPS/WiFi Button, Reset Button
Power Supply	DC 12V 0.5A
Antenna	1 x Fixed Omni-directional Antenna
Dimensions (W × D × H)	165 x 120 x 32mm (6.5 x 4.7 x 1.3 in.)
Weight	220g
<b>Environment</b>	
Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Operating Humidity	10%~90% non-condensing
Storage Humidity	5%~90% non-condensing
Certifications	CE, RoHS
<b>Package Contents</b>	
Package Contents	1 x Wireless Modem Router
	1 x Resource CD
	1 x Quick Installation Guide
	1 x Power Adapter
	1 x Ethernet Cable
	2 x Telephone Line cables
	1 x ADSL Splitter