

ADSL2+ 4-Port Switch Router

AS600 Series



AS600 is an ADSL2+ router which integrates a 4-port Fast Ethernet Switch. AS600 provides high speed ADSL2+ broadband connection and sharing it with up to four computers via the LAN ports. The Router is compatible with ADSL, ADSL2, and ADSL2+ lines for worldwide ADSL deployment. Not only support versatile router features, AS600 supports robust QoS and IGMP features to ensure high quality triple play. AS600 adopts CastleNet easy to use web-GUI management interface. Its user friendly interface will amaze you with total difference experience. ASW600 also supports TR-069 which enables central management from the central offices and benefit the ISP much.

Specification / Data Protocol

Physical Interfaces

One ADSL port for WAN

Four 10/100 Mbps Fast Ethernet ports for LAN

ADSL Compliance

ANSI T1.413 Issue 2		READSL2
G.992.1	G.992.2	ADSL
G.992.3	G.992.4	ADSL2
G.992.5	ADSL2+	

ATM protocols

Up to 8 PVCs

VC and LLC multiplexing

OAM F4/F5 loop back

PPP support

PPP over ATM PVC (RFC 2364&RFC1577)

PPP over Ethernet (RFC2516)

PAP, CHAP authentication supported

Networking Stack

NAT Static Port Mappings, NAT Policies, UPnP NAT Traversal

Packet backbone

ICMP, ARP, RARP, UDP, TCP, Multicast, IPv4

DHCP Client / Relay / Server, DNS Proxy, DDNS

IGMP v1&v2, IGMP Proxy, IGMP Snooping

Bridging IEEE 802.1d Bridge

Routing Static route, RIP v1 / v2

Firewall / Security

SPI Stateful Packet Inspection Firewall

DOS Protection

Management Access Control for LAN/WAN

IPSEC / PPTP/L2TP Pass through

Port Forwarding

DMZ Host

Filtering

Bi-direction IP Filter on LAN/WAN

IP/MAC/URL/Keyword Filtering

Domain Blocking

Quality of Service (QoS)

Constant Bit Rate (CBR), Real-Time Variable Bit Rate (VBR-rt),

Non-Real-Time Variable Bit Rate (VBR-nrt)

Unspecified Bit Rate (UBR)



Feature

- Comply with ITU ADSL, ADSL 2 and ADSL2+ standards
- Comply with IEEE802.3/802.3u 10/100 BASE-T standards
- Integrate ADSL router and 4-port Fast Ethernet switch together
- Enables sharing of broadband Internet connection
- Works with both PCs and Mac computers
- Connects four computers/devices through the LAN ports
- Double firewalls: NAT and SPI
- Built-in DHCP server
- Mac address filtering
- VPN pass-through
- Web-based advanced user interface
- Universal Plug and Play (UPnP)
- Support TR-069 for central management
- Remote / Local configuration & management through Web / Telnet configuration & management