

## 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. AS600 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



#### CastleNet Technology Inc.

No. 64, Chung-Shan Rd. Tu-Cheng City, Taipei 236  
Taiwan.

Tel: 886-2-2267-3858 Fax: 886-2-2267-3866

E-mail: inquiry@castlenet.com.tw

http://www.castlenet.com.tw