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## LevelOne

# ADSL Modem

LevelOne ADSL Modem with  
Firewall/VPN Router and Printer Server



## TECHNICAL DATA

### Standard Conformance:

- IEEE802.3, IEEE802.3u, IEEE802.3x

### Physical Port

- WAN port: 1 x ADSL port (RJ11)
- LAN port: 4x10/100 Base-TX w/auto MDI/MDIX sensing switching ports (RJ45)
- Printer port : 1x DB-25 parallel port

### Protocols

- IP, NAT, ARP, ICMP, DHCP, IPoA, PPPoE, PPPoA client

### ADSL Protocols

- G.992.1 ( Downstream : 8 Mbps Upstream : 800 Kbps)
- G.992.2 ( Downstream : 1.5 Mbps Upstream : 512 Kbps )
- ANSI T1.413 Issue 2

### Data Encapsulation Protocols:

- Support PPP Over AAL5 ( RFC2364 ) and PPP Over Ethernet ( RFC 2516 ).
- Support Routed/Bridge Ethernet Over ATM ( RFC 1483 ).
- Support Classical Internet Protocol Over ATM ( RFC 1577 ).
- VC-based and LLC-based multiplexing

### Hardware:

- CPU: ARM7-based processor w/hardware SAR
- Memory : 2MB flash memory; 4MB SDRAM

### VPN Features:

- Software-based VPN
- Support for IPSec standards

### Security:

- NAT/SPI firewall
- IPSec pass-thru for VPN
- Protection against DoS attacks
- Password protected configuration
- LAN and Printer Server
- DHCP support
- Multi-segment LAN support
- Printer server supports LPR (RFC 1179)

### Physical Characteristics:

- Operating Temperature: 0°C to 40°C
- Storage Temperature: 0°C to 40°C
- Humidity Operating: 10% to 90% RH

### Power Adapter:

- External power adapter w/DC 5V/2A

### Wireless AP:

- Complies with IEEE 802.11b for 2.4GHz RF with high-speed data rate up to 22 Mbps
- Capable of 64/128/256-bit WEP encryption
- Extra modulation type : PBCC(Packet Binary Convolutional Code) mode

### Ordering Information:

- WBR-2401A ADSL Modem with Firewall/VPN Router and Printer Server (ANNEX A)
- WBR-2401B ADSL Modem with Firewall/VPN Router and Printer Server (ANNEX B + UR2)