

# JAD101S



## Basic IAD

The JAD101S CPE IAD solution provides VoIP and full Ethernet bridge and router functionality and proven ADSL/ADSL2/ADSL2plus performance and combines an "Always-on" high speed connection to the telephone line and Ethernet connection to a host PC or Ethernet hub into a single cost-effective solution. JAD101S IAD Router with full compliance to T1.413 i2, G.992.1, G.992.2 (G.lite), G.992.3 (G.dmt.bis/ADSL2), and G.992.5 (ADSL2plus), and support for Annexes A, B and M for DSL. SIP voice protocol standard.

### Voice features

- Support for SIP protocols
- Telephony functions (call waiting, call hold, call forward)
- Echo cancellation (G.168) – configurable
- Silence suppression (Voice Activity Detection (VAD) and Comfort Noise Generation (CNG))
- FAX - T.38 relay and G.711 pass through

### ADSL2+ features

- DMT: T1.413, G.992.1, G.992.2, G.992.3, G.992.5 with auto-detection
- Supports PPP encapsulation over ATM (PPPoA) and PPP over Ethernet (PPPoE)
- Supports RFC1483 Route and RFC1483 Bridge
- Point-to-Point Protocol (PPP)
  - PPP over ATM (only single-link PPP per VC)
  - PPP over Ethernet encapsulation over the virtual interface (per RFC 2516)
  - PAP or CHAP for user authentication

### Network Management

- Web-based Graphical User Interface (GUI) enabling end-user device configuration Via HTTP
- CD-ROM easy setup program

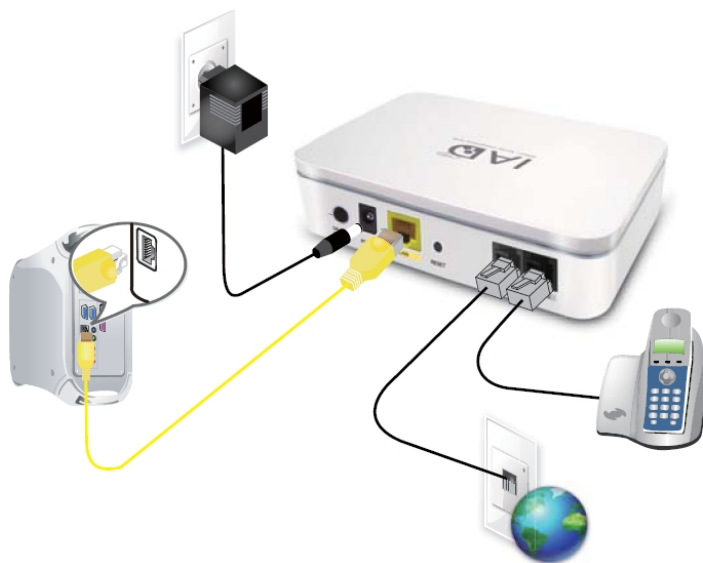
### Security Firewall

- Stateful packet inspection (SPI)
- NAT/NAPT
- DMZ
- DOS
- Common types of Attacks
- MAC and IP level packet filtering

### LAN Protocols / Ethernet Interfaces

- Support 1 Port Ethernet Interface (10/100Mbps) which compliant with IEEE 802.3x standards.
- 10/100 Mbps auto selection
- Ethernet port supports Automatic MDI/MDI-X configuration transceiver.





#### Hardware interface

- 1 Power jack
- 1 Reset button for reset to factory default function
- 1 Ethernet jack for LAN port connection
- 1 RJ11 phone jack for ADSL connection
- 1 RJ11 phone jack for VOIP FXS 1 port connection

#### Environment

- Operating Temperature: 0°C~40°C
- Storage Temperature: 0°C~60°C
- Operating Humidity: 10%~85% RH
- Storage Humidity: 10%~90% RH

**Dimension** :132X90X30mm