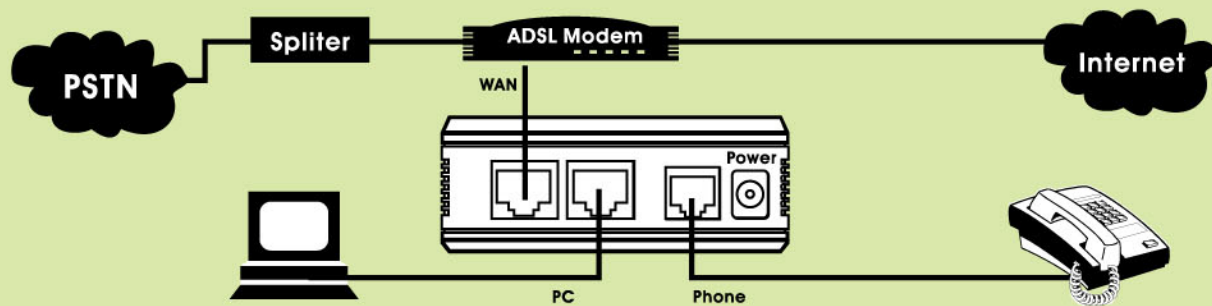# ATA-151

Ultra-Compact and Portable VoIP solution

The ATA-151 is a one-port telephony gateway that the user can take advantage of many new and exciting IP telephony application by connecting their analog phone to ATA-151. Standard-based communication device that offering true, next generation voice- over-IP (VoIP) application for residential and small medium enterprise in internet communication.

ATA-151

Physical interface

1. RJ-45
   A. LAN X 1 for connecting to HUB or ATU-R directly
   B. PC X 1 for PC connection
2. RJ-11
   Phone X 1 for regular phone connection
3. Power
   A. Voltage : DC 12 V
   B. Current : 1 A
4. LED
   A. LAN: HUB link status indication
   B. PC: PC link status indication
   C. Status: VoIP status indication
   D. Power: Power status indication
   E. Phone: Analog phone status indication
5. Dimension: 9.9 X 9.9 X 3.2 cm

Network

1. Network connection
   A. PPPoE (RFC 2516)
      a. Account / password can be saved
      b. Auto reconnection after disconnection
   B. DHCP client (for WAN port)
   C. Static IP
      a. IP / subnet mask / default gateway can be configured by manual
2. DHCP Server and NAT
3. Diff Serv and VLAN
4. Support SNTP

System management

1. Support Web、Telnet for remote control
2. Username / Password for login to make configuration

Voice feature

1. Voice codec
   A. G.711(A-law/μ-law)
   B. G.723.1
   C. G.729
   D. G.711 FAX pass-through mode
2. RTP / RTCP
3. Echo Cancellation G.168
4. Silence Detection/Suppression
5. Comfort Noise Generation
6. DTMF Detection/ Generation
7. Call Tone Generation
   A. Dial tone
   B. Ring back tone
   C. Busy tone

Protocol

SIP RFC 3261
   A. Outbound proxy
   B. Support IP or domain name for primary and secondary proxy address and auto switching is enabled.

Call function

1. Call Forwarding
2. Call Transfer
3. Call Hold
4. Calling Number Delivery

Firmware update / upgrading

TFTP / FTP / Web remote update

Environment

1. AC Power
   A. 110~220V ± 10V
   B. 60Hz ± 3Hz
2. Environment
   A. Temprature : 0℃~40℃
   B. Hmidity : 10%~90%RH