

# ProVu Communications ATA-1100



## VoIP Telephone Adaptor



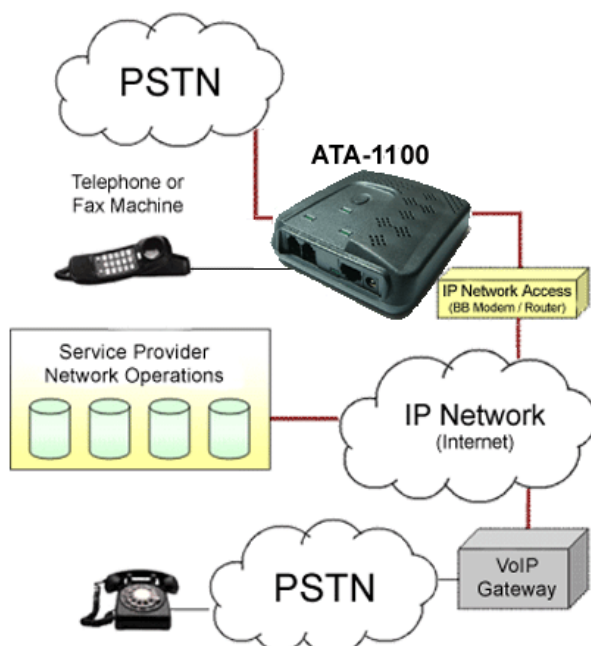
The new ATA-1100 analogue telephone adaptor is an affordable, feature rich VoIP adaptor providing ultimate flexibility to the end user & service provider alike. The adaptor allows VoIP subscribers to use their existing analogue telephone for their VoIP service whilst additionally providing an FXO port for connection of a local land line from any of the popular telephone companies such as BT & NTL.

With the ATA-1100, using Voice-over-IP services alongside analogue telephone services has never been easier. The unit can be preset to default to either VoIP or analogue (PSTN) & the user simply selects which service they require with the press of a button. In case of a power failure the adaptor simply connects the phone directly to the PSTN line so a phone service is never lost.

The ease of use is backed up with a range of advanced provisioning features which allow the reseller or service provider to remotely configure each device. In addition to this a web interface is provided for manual configuration.

### Key Features

- Connect an analogue phone to VoIP services
- Use the same telephone to place & receive calls using an analogue (PSTN) line
- Simple push to switch between VoIP & PSTN
- Fail over to PSTN in case of power failure
- Common NAT traversal features.
- Automated provisioning via TFTP and HTTP. Plug & Play for the end user
- RFC3261 SIP support & uses all popular voice codecs
- Built in web server for administration



# Technical Data

## ProVu Communications

### ATA-1100



#### Data Networking

- MAC Address (IEEE 802.3)
- Ipv4- Internet Protocol Version 4 (RFC 791) upgradeable to v6 (RFC 1883)
- ARP- Address Resolution Protocol
- DNS- A Record (RFC 1706) SRV Record (RFC 2782)
- DHCP Client- Dynamic Host Configuration Protocol (RFC 2131)
- ICMP- Internet Control Message Protocol (RFC 792)
- TCP- Transmission Control Protocol (RFC 793)
- UDP- User Datagram Protocol (RFC 768)
- RTP- Real Time Protocol (RFC 1889) (RFC 1890)
- RTCP- Real Time Control Protocol (RFC 1889)
- SNTP- Simple Network Time Protocol (RFC 2030)

#### Voice Over IP

- SIP- Session Initiation Protocol (RFC 3261, 3262, 3263, 3264)
- SIP Proxy Redundancy- Dynamic via DNS SRV, A records
- Re-registration with Primary SIP Proxy Server
- NAT traversal by STUN, outbound proxy, symmetric RTP
- Voice Algorithms
  - G.711 (A-law and mu-law)
  - G.726 (16/24/32/40 kbps)
  - G.729 A
  - G.723
- Adjustable Audio Packet Size
- DTMF: In-band & Out-of-Band (RFC 2833) (SIP INFO)
- Flexible Dial Plan Support
- Call Progress Tone Generation
- Jitter Buffer- Adaptive
- Frame Loss Concealment
- VAD- Voice Activity Detection w/ Silence Suppression
- Line Echo Cancellation (G.168)
- Automatic Gain Control
- Comfort Noise Generation
- Call Waiting, Hold, Transfer, Three Way Conference Services
- Caller ID Support (Name & Number)

#### Security

- Password Protected System Reset to Factory Default and Configuration
- Password Protected Admin and User Access Authority

#### Provisioning, Administration and Maintenance

- Web Browser Administration and Configuration via Integral Web Server
- Automated Provisioning via TFTP & HTTP
- Telephone keypad Configuration with Interactive Voice Prompts

#### Physical Data Interfaces

- One RJ-45 Port- Ethernet 10baseT Interface (IEEE 802.3)

#### Voice I/O Interfaces

- FXS RJ11 Connector – for analogue telephones
- FXO RJ11 Connector – for PSTN line

#### Regulatory Compliance

- CE Mark

#### Power Supply

- Switching Type with UK Wall Plug, Euro Plug available on request
- Input Voltage: 100~240VAC, 50~60Hz
- Output Voltage: +5 VDC at 1.0 A Max

#### Indicator LEDs- Lights

- Status Indicator
- PSTN Connection Indicator
- VoIP Connection Indicator
- Network Activity Indicator

#### Environmental

- Operating Temperature 41 to 113 F (5 to 45 C)
  - Storage Temperature -13 to 185 F (-25 to 85 C)
- Relative Humidity 10 to 90% non-condensing, operating and non-operating

#### Unit Dimensions (Approx)

- 96mm x 100mm x 30mm max.

#### Box Dimensions/Weight

- 117mm x 117mm x 93mm / 266g

#### Warranty

- One Year Hardware- Limited