



# HT801

## An easy-to-use 1 port ATA

The HT801 is a single port analog telephone adapter (ATA) that allows users to create a high-quality and manageable IP telephony solution for residential and office environments. Its ultra-compact size, voice quality, advanced VoIP functionality, security protection and auto provisioning options enable users to take advantage of VoIP on analog phones. It also allows service providers to offer high quality IP service to their market. The HT801 is an ideal ATA for individual use as well as commercial IP voice deployments worldwide.



Supports 1 SIP profile through a single FXS port and a single 10/100Mbps port



TLS and SRTP security encryption technology to protect calls and accounts



Automated provisioning options include TR-069 and XML config files



**3 WAY**  
Supports 3-way voice conferencing



Failover SIP server automatically switches to secondary server if main server loses connection



Supports T.38 Fax for creating Fax-over-IP



Supports a wide range of caller ID formats



Use with Grandstream's UCM series of IP PBXs for Zero Configuration provisioning



Supports advanced telephony features, including call transfer, call forward, call-waiting, do not disturb, message waiting indication, multi-language prompts, flexible dial plan and more

## Interfaces

**Telephone Interfaces** One (1) FXS port

**Network Interfaces** One (1) 10/100Mbps auto-sensing ethernet port (RJ45)

**LED Indicators** POWER, INTERNET, PHONE

**Factory Reset Button** Yes

## Voice, Fax, Modem

**Telephony Features** Caller ID display or block, call waiting, flash, blind or attended transfer, forward, hold, do not disturb, 3-way conference

**Voice Codecs** G.711 with Annex I (PLC) and Annex II (VAD/CNG), G.723.1, G.729A/B, G.726, iLBC, OPUS, dynamic jitter buffer, advanced line echo cancellation

**Fax Over IP** T.38 compliant Group 3 Fax Relay up to 14.4kpbs and auto-switch to G.711 for Fax Pass-through

**Short/Long Haul Ring Load** 2 REN: Up to 1km on 24 AWG

**Caller ID** Bellcore Type 1 & 2, ETSI, BT, NTT, and DTMF-based CID

**Disconnect Methods** Busy Tone, Polarity Reversal/Wink, Loop Current

## Signaling

**Network Protocols** TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS, DHCP, NTP, TFTP, TELNET, STUN, SIP (RFC3261), SIP over TCP/TLS, SRTP, TR-069

**QoS** Layer 3 (ToS, DiffServ, MPLS)

**DTMF Method** In-audio, RFC2833 and/or SIP INFO

**Provisioning and Control** HTTP, HTTPS, TELNET, TFTP, TR-069, secure and automated provisioning using AES encryption, syslog

## Security

**Media** SRTP

**Control** TLS/SIPS/HTTPS

**Management** Syslog support, telnet, remote management using web browser

## Physical

**Universal Power Supply** Input: 100-240VAC, 50-60Hz  
Output: 5.0VDC/1.0A

**Environmental** Operational: 32° – 104°F or 0° – 40°C  
Storage: 14° – 140°F or -10° – 60°C  
Humidity: 10 – 90% Non-condensing

**Dimension and Weight** Dimensions: 100mm x 100mm x 29.5mm  
Weight: 102 g

**Compliance** FCC: Part15B  
CE: EN55032, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1  
RCM: AS/NZS CISPR22, AS/NZS60950.1, S003