



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 2 (802.1Q VLAN, SIP/RTP 802.1p) and 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