

# Grandstream HT801



**GRANDSTREAM**  
CONNECTING THE WORLD

## AN EASY-TO-USE 1 PORT ATA HT801

**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. 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 through XML config files
- Supports 3-way voice conferencing
- Failover SIP server automatically switches to secondary server if main server loses connection
- Supports a wide range of caller ID formats
- 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, dynamic jitter buffer, advanced line echo cancellation
- Fax Over IP: G.711 for Fax Pass-through
- Short/Long Haul Ring Load: 5 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, SSH, 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, SSH, TFTP, TR-069, secure and automated provisioning using AES encryption, syslog

## SECURITY

- Media: SRTP
- Control: TLS/SIPS/HTTPS
- Management Syslog support, SSH, 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
- K.21



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