



# HT701

## An easy-to-use 1-line ATA

The HT701 is a 1-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 and enables service providers to offer high quality IP service. The HT701 is an ideal single-port ATA for individual use and large scale commercial IP voice deployments.



Supports 1 SIP profile through a single FXS port and 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

<b>Interfaces</b>	
<b>Telephone Interfaces</b>	One (1) FXS port (RJ11)
<b>Network Interfaces</b>	One (1) 10/100Mbps auto-sensing ethernet ports (RJ45)
<b>LED Indicators</b>	Power, Internet, LINK/ACT
<b>Factory Reset Button</b>	Yes
<b>Voice, Fax, Modem</b>	
<b>Telephony Features</b>	Caller ID display or block, call waiting, flash, blind or attended transfer, forward, hold, do not disturb, 3-way conference
<b>Voice Codecs</b>	G.711 with Annex I (PLC) and Annex II (VAD/CNG), G.723.1, G.729A/B, G.726, iLBC, dynamic jitter buffer, advanced line echo cancellation
<b>Fax Over IP</b>	T.38 compliant Group 3 fax relay up to 14.4kbps and auto-switch to G.711 for fax pass through
<b>Short/Long Haul Ring Load</b>	5REN: Up to 1km on 24 AWG
<b>Caller ID</b>	Bellcore type 1 & 2, ETSI, BT, NTT and DTMF-based CID
<b>Polarity Reversal/Wink</b>	Yes
<b>Signaling</b>	
<b>Network Protocols</b>	TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS, DHCP, NTP, TFTP, TELNET, PPPoE, STUN, SIP (RFC3261), SIP over TCP/TLS, SRTP, TR069
<b>QoS</b>	Layer 2 (802.1Q VLAN/802.1p) and Layer 3 (ToS, Diffserv, MPLS)
<b>DTMF Method</b>	In-Audio, RFC2833 and/or SIP INFO
<b>Provisioning and Control</b>	HTTP, HTTPS, TELNET, TFTP, TR069, secure and automated provisioning using AES encryption, syslog
<b>Security</b>	
<b>Media</b>	SRTP
<b>Control</b>	TLS/SIPS/HTTPS
<b>Management</b>	Syslong support, telnet, remote management using web browser
<b>Physical</b>	
<b>Universal Power Supply</b>	Input: 100-240VAC, 50-60Hz Output: 12V VDC, 0.5A
<b>Environmental</b>	Operational: 32° ~ 104°F or 0° ~ 40°C; Storage: -14° ~ 140°F or -10° ~ 60°C; Humidity: 10 - 90% non condensing
<b>Dimension and Weight</b>	25mm x 65mm x 86, 0.31kg
<b>Compliance</b>	FCC (Part 68 & 15B), C-Tick, AS/NZS CISPR22, CISPR24, CE, EN55022, EN55024, TBR21, EN60950, EN61000-3-2, EN61000-3-3, UL (Power supply)