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.

1 LINE
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

zero CONFIG
Use with Grandstream's UCM series of IP PBXs for Zero Configuartion provisioning

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

Interfaces

Telephone Interfaces	One (1) FXS port (RJ11)
Network Interfaces	One (1) 10/100Mbps auto-sensing ethernet ports (RJ45)
LED Indicators	Power, Internet, LINK/ACT
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, dynamic jitter buffer, advanced line echo cancellation
Fax Over IP	T.38 compliant Group 3 fax relay up to 14.4kbps and auto-switch to G.711 for fax pass through
Short/Long Haul Ring Load	5REN: Up to 1km on 24 AWG
Caller ID	Bellcore type 1 & 2, ETSI, BT, NTT and DTMF-based CID
Polarity Reversal/Wink	Yes

Signaling

Network Protocols	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, IPV4
QoS	Layer 2 (802.1Q VLAN/802.1p) and Layer 3 (ToS, Diffserv, MPLS)
DTMF Method	In-Audio, RFC2833 and/or SIP INFO
Provisioning and Control	HTTP, HTTPS, TELNET, TFTP, TR069, secure and automated provisioning using AES encryption, syslog

Security

Media	SRTP
Control	TLS/SIPS/HTTPS
Management	Syslong support, telnet, remote management using web broswer

Physical

Universal Power Supply	Input: 100-240VAC, 50-60Hz Output: 12V VDC, 0.5A
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	25mm x 65mm x 86, 0.31kg
Compliance	FCC (Part 68 & 15B), C-Tick, AS/NZS CISPR22, CISPR24, CE, EN55022, EN55024, TBR21, EN60950, EN61000-3-2, EN61000-3-3, UL (Power supply)