

# HT702/HT704

## 2/4-Port Analog Telephone Adapters



**HT702/704** are next generation, powerful 2/4-port IP ATA (analog telephone adapter) for residential users and small businesses. Their compact size, superb voice quality, rich functionalities, strong security protection, excellent manageability and auto provisioning, as well as unrivaled affordability enable service providers to offer high quality IP voice service at extremely competitive price. The HT702 and HT704 are ideal 2/4-port ATAs for large scale commercial IP voice service deployment.

### Feature Highlights

- 2 FXS port (HT702) or 4 FXS port (HT704), supporting 3 REN and single 10/100M Ethernet port
- LEDs for Power, Internet, LINK/ACT, and Phone status
- Advanced telephony features including caller ID, call waiting, 3-way conference, transfer, forward, do not disturb, message waiting indication, multi-language voice prompt, T.38 Fax, flexible dial plan
- Support comprehensive voice codecs including G.711 with Annex I/II, G.723.1, G.729A/B, G.726, iLBC
- Strong security protection of voice/data privacy using TLS/SRTP/HTTPS, secure and automated provisioning using TR069 and HTTP/HTTPS/TFTP

# HT702/HT704 Technical Specifications

<b>Interfaces</b>	
Telephone Interface	Two (2) FXS ports (HT702) or Four (4) FXS ports (HT704)
Network Interface	One (1) 10M/100Mbps auto-sensing Ethernet port (RJ45)
LED Indicators	Power, Internet/LINK-ACT/PHONE 1/PHONE 2 (HT702), PHONE 1/PHONE 2/PHONE 3/PHONE 4
Factory Reset Button	Yes
<b>Voice, Fax, Modem</b>	
Telephony Features	Caller ID display or block, call waiting, Flash, blind or attended transfer, forward, hold, do not disturb, 3-way conference
Voice over Broadband Capabilities	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 14.4kpbs and auto-switch to G.711 for Fax Pass-through
Short/Long Haul Ring Load	3REN: Up to 1km on 24 AWG line
Caller ID	Bellcore Type 1 & 2, ETSI, BT, NTT, and DTMF-based CID
Disconnect Methods	Busy Tone, Polarity Reversal/Wink, Loop Current
<b>Signaling</b>	
Network Protocols	TCP/UDP/IP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS, DHCP, NTP, TFTP, TELNET, PPPoE, STUN, SIP (RFC3261), SIP over TCP/TLS, SRTP, TR069
QoS	Layer 2 (802.1Q VLAN/802.1p) and layer 3 (ToS, DiffServ, MPLS) QoS
DTMF Method	In-Audio, RFC2833 and/or SIP INFO
Provisioning & Control	HTTP, HTTPS, TELNET, TFTP, TR-069, secure and automated provisioning using AES encrypted XML file, syslog
<b>Security</b>	
Media	SRTP
Control	TLS/SIPS/HTTPS
Management	Syslog support, telnet, remote management using Web browser
<b>Physical</b>	
Universal Power Supply	Input: 100-240VAC, 50-60Hz; Output: 12V VDC, 0.5A (HT702), 1A (HT704)
Environmental	Operational: 32° – 104°F or 0° – 40°C Storage: 14° – 140°F or -10° – 60°C Humidity: 10 – 90% Non-condensing
Dimensions & Weight	119mm x 78mm x 60mm, 0.31kg (with package)
<b>Compliance</b>	
EMC & Safety	FCC (Part 68 & 15B), C-Tick, AS/NZS CISPR22, CISPR24, CE, EN55022, EN55024, TBR21, EN60950, EN61000-3-2, EN61000-3-3, UL (Power Supply)

