



HT812

Powerful 2-port ATA with Gigabit NAT Router

The HT812 is an advanced 2-port analog telephone adapter (ATA) with 2 FXS ports and an integrated Gigabit NAT router. Built upon Grandstream's market-leading SIP ATA/gateway technology with millions of units successfully deployed worldwide, this powerful ATA features exceptional voice quality in various application environments, strong encryption with unique security certificate per unit, automated provisioning for volume deployment and device management, and outstanding network performance for home and office use.



Supports 2 SIP profiles and 2 FXS ports



Strong AES encryption with security certificate per unit



Automated & secure provisioning options using TR069



3-way voice conferencing per port



Exceptional voice quality with wide-band HD codec



Supports T.38 Fax for reliable Fax-over-IP



Supports dual Gigabit network ports



High performance NAT router

Interfaces

Telephone Interfaces Two (2) FXS ports

Network Interfaces Two (2) 10/100/1000Mbps RJ45 ports

LED Indicators POWER, LAN, WAN, PHONE1, PHONE2

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 Codexs 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 3 REN, up to 1km on 24AWG line

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: 12V/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 28.5 x 130 x 90 mm (H x W x D)
Weight: 353.33g

Compliance FCC/CE/RCM, K.21