



Partner Marketing Kit

HT812

September, 2016

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About HT812

The HT812 is a powerful analog telephone adapter designed for users looking to convert their analog technology into a VoIP network in either a home or office environment. This easy-to-use yet powerful ATA features 2 FXS ports and an integrated Gigabit NAT router for high performance options. It also comes equipped with exceptional voice quality thanks to its wide-band HD codec as well as strong AES encryption with security certificate per unit. The HT812 is the ideal ATA to manage and convert your old analog technology into a powerful and efficient VoIP network.

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Messaging Strategy

HT812

Tagline	Powerful 2-port ATA with Gigabit NAT router
Subhead	<i>with enhanced performance and added functionalities</i>
What sets HT812 apart from competitors?	Built upon Grandstream's market-leading SIP ATA/gateway technology with millions of units successfully deployed worldwide, the HT812 delivers outstanding VoIP technology to home and office environments and allows users to successfully upgrade their telephony features to a manageable and powerful VoIP network.
Key Differentiators	<ul style="list-style-type: none">• 2 FXS ports• Integrated Gigabit NAT router• Automated provisioning options• Strong AES encryption w/security certificate per unit• 3-way voice conferencing per port• Supports T.38 Fax for reliable Faxover-IP

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HT812 Datasheet



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 Codes	G.711 with Annex I (PLC) and Annex II (VAD/CSG), 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/RTSP 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: 12W/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

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Marketing Assets

1. [HT812 pictures](#)
2. [Feature icons](#)
3. [Web banners \(editable design file\)](#)
4. [Comparison chart](#)