

Grandstream HT812 Powerful 2-port ATA with Gigabit NAT Router



Product Name: Grandstream HT812 Powerful 2-port ATA with Gigabit NAT Router

Manufacturer: Grandstream

Model Number: HT812

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The Grandstream 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, this powerful ATA features exceptional voice quality, strong encryption, automated provisioning and device management, and outstanding network performance for home and office use.

Grandstream HT812 Key Features

- 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 wideband HD codec
- Supports T.38 Fax for reliable Faxover-IP
- Supports dual Gigabit network ports
- High performance NAT router

Grandstream HT812 - Technical Specifications

Interfaces

- Telephone Interfaces: Two (2) RJ11 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 Codecs: 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 FaxPass-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, SSH, 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, SSH, TFTP, TR-069, secure and automated provisioning using AESencryption, syslog

Security

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• Media: SRTP

• Control: TLS/SIPS/HTTPS

• Management: Syslog support, SSH, remote management using web browser

Physical

• Universal Power Supply:- Input: 100-240VAC, 50-60Hz- Output: 12V/0.5A

• Environmental:- Operational: 32°C – 104°F or 0°C – 40°C- Storage: 14°C – 140°F or -10°C – 60°C- Humidity: 10 – 90% Non-condensing

• Dimension: 28.5 x 130 x 90 mm (H x W x D)

• Weight: 353.33g

Compliance

• FCC/CE/RCM, K.21

Price: £51.50