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 a cutting-edge 2-port analogue telephone adapter equipped with 2 FXS ports and a built-in Gigabit NAT router. It supports 2 SIP profiles through its dual FXS ports and features dual Gigabit ports for fast, efficient connections. The integrated NAT router can handle routing speeds up to 100MBps, ensuring smooth performance. With advanced security features such as TLS and SRTP encryption, it provides robust protection for both calls and accounts.
Grandstream HT812 Key Features

ï¿½ Supports 2 SIP profiles and 2 FXS ports
ï¿½ Strong AES encryption with security certificate per unit
ï¿½ Automated & secure provisioning options using TR069
ï¿½ 3-way voice conferencing per port
ï¿½ Exceptional voice quality with wideband HD codec
ï¿½ Supports T.38 Fax for reliable Faxover-IP
ï¿½ Supports dual Gigabit network ports
ï¿½ High performance NAT router

This ATA offers flexible provisioning options, including TR-069 and XML configuration files, and supports 3-way voice conferencing. It also has a failover SIP server that automatically switches to a backup if the primary server goes offline. The HT812 supports T.38 Fax for Fax-over-IP and accommodates a variety of caller ID formats. When paired with Grandstream’s UCM series of IP PBXs, it allows for Zero Configuration provisioning, simplifying setup and use.
Grandstream HT812 - Technical Specifications
Interfaces

ï¿½ Telephone Interfaces: Two (2) RJ11 FXS ports
ï¿½ Network Interfaces: Two (2) 10/100/1000Mbps RJ45 ports
ï¿½ LED Indicators: POWER, LAN, WAN, PHONE1, PHONE2
ï¿½ Factory Reset Button: Yes

Voice, Fax, Modem

ï¿½ Telephony Features: Caller ID display or block, call waiting, flash, blind or attended transfer, forward,hold, do not disturb, 3-way conference
ï¿½ 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
ï¿½ Fax Over IP: T.38 compliant Group 3 Fax Relay up to 14.4kpbs and auto-switch to G.711 for FaxPass-through
ï¿½ Short/Long Haul Ring Load: 3 REN, up to 1km on 24AWG line
ï¿½ Caller ID: Bellcore Type 1 & 2, ETSI, BT, NTT, and DTMF-based CID
ï¿½ Disconnect Methods: Busy Tone, Polarity Reversal/Wink, Loop Current

Signaling

ï¿½ 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
ï¿½ QoS: Layer 2 (802.1Q VLAN, SIP/RTP 802.1p) and Layer 3 (ToS, Diffserv, MPLS)

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ï¿½ DTMF Method: In-audio, RFC2833 and/or SIP INFO
ï¿½ Provisioning and Control: HTTP, HTTPS, SSH, TFTP, TR-069 , secure and automated provisioning using AESencryption, syslog

Security

ï¿½ Media: SRTP
ï¿½ Control: TLS/SIPS/HTTPS
ï¿½ Management: Syslog support, SSH, remote management using web browser

Physical

ï¿½ Universal Power Supply:- Input: 100-240VAC, 50-60Hz- Output: 12V/0.5A
ï¿½ Environmental:- Operational: 32º – 104ºF or 0º – 40ºC- Storage: 14º – 140ºF or -10º – 60ºC- Humidity: 10 – 90% Non-condensing
ï¿½ Dimension: 28.5 x 130 x 90 mm (H x W x D)
ï¿½ Weight: 353.33g

Compliance

ï¿½ FCC/CE/RCM, K.21

Price: £51.70