Created on: Thursday 28 March, 2024

# 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

Grandstream HT812 Powerful 2-port ATA with Gigabit NAT Router
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

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

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)
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

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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: £51.50**