

Grandstream HT818 V2 8 port FXS Gateway with Gigabit NAT Router (HT818 v2)



Product Name: Grandstream HT818 V2 8 port FXS Gateway with Gigabit NAT Router (HT818 v2)

Manufacturer: Grandstream

Model Number: HT818-v2

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The Grandstream HT818 V2 is a powerful 8-port VoIP gateway with 8 FXS ports and an integrated Gigabit NAT router. It features Grandstream's market-leading SIP ATA/gateway technology with millions of units successfully deployed worldwide. This powerful gateway carries 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 enterprise use.

Grandstream HT818 V2 Key Features

- Supports 2 SIP profiles and 8 FXS ports
- Strong AES encryption with unique 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 HT818 V2 - Technical Specifications

Interfaces

- Telephone Interfaces: Eight (8) RJ11 FXS ports; can be expanded by peering with an FXS gateway
- Network Interface: Two (2) 10/100/1000Mbps RJ45 ports
- LED Indicators: POWER, NET1, NET2, PHONE1, PHONE2, PHONE3, PHONE4, PHONE5, PHONE6, PHONE7, PHONE8
- 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.722, G.723.1, G.729A/B, G.726-32, iLBC, OPUS, dynamic jitter buffer, advanced line echo cancellation
- Fax over IP: T.38 compliant Group 3 Fax Relay up to 14.4kbps and auto-switch to G.711 for Fax Pass-through
- Short/Long Haul Ring Load: 2 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
- Dial Methods: DTMF, Pulse

Signaling

- Network Protocols: TCP/IP/UDP, RTP/RTCP (RFC1889, 1890), HTTP/HTTPS, ARP/RARP, ICMP, DNS, DHCP, NTP, TFTP, SSH, Telnet, STUN (RFC3489, 5389), SIP (RFC3261), SIP over TCP/TLS, SRTP, SNMP, TR-069, IMS/3GPP, IPoE
- QoS: Layer 2 (802.1Q VLAN, SIP/RTP 802.1p) and Layer 3 (ToS, Diffserv, MPLS), Traffic Shaping

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• DTMF Method: In-audio, RFC2833 and/or SIP INFO

• Provisioning and Control: HTTP, HTTPS, SSH, TFTP, TR-069 , secure and automated provisioning using AES encryption, syslog

Security

• Media: SRTP

• Control: TLS/SIPS/HTTPS, SDP(RFC 2327), Refer (RFC 3515), Offer/Answer (RFC3265) SIP V2.0 (RFC 3261, 3262, 3264), RFC3261 ETC (3GPP TS 24.629, RFC 3515, RFC 3891, RFC 3892) SIP Session Timer (RFC 4028)

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

Physical

• Universal Power Supply: -Input: 100-240VAC, 50-60Hz-Output: 12V/1.5A

• Environmental: -Operational: 32°C – 123°C or 0°F – 50°C
-Storage: 14°C – 140°C or -10°F – 60°C
-Humidity: 10 % – 90% Non-condensing

• Dimension and Weight: (L)180mm*(W)120mm*(H)36mm 356g

Compliance

• FCC/CE/RCM

Price: 108.87EUR