



Partner Marketing Kit

HT818

December, 2017

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About HT818

Built for users looking for a strong analog-to-VoIP converter, the HT818 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.

Messaging Strategy

HT818

Tagline	Powerful 8-port VoIP Gateway
Subhead	<i>Built for large deployments</i>
What sets HT818 apart from competitors?	Grandstream is the global market leader in ATAs, with millions of units successfully deployed around the globe, including by some of the biggest service providers worldwide. The HT818 was built for users who want to convert a big number of analog endpoints into VoIP. Bringing outstanding network performance with rich IP features, the HT818 is ideal for large environments seeking advanced VoIP features and functionality.
Key Differentiators	<ul style="list-style-type: none">• Supports 2 SIP profiles and 8 FXS ports• Supports dual Gigabit network ports• High performance NAT router• Automated provisioning options• Fax-over-IP options• Supports a wide range of caller ID formats• Advanced telephony features

HT818 Datasheet

[English datasheet](#)



Powerful 8 port FXS Gateway with Gigabit NAT Router HT818

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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 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	Eight (8) RJ11 FXS ports
Network Interface	Two (2) 10/100/1000Mbps RJ45 ports
LED Indicators	POWER, LAN, WAN, PHONE1, PHONE2, PHONE3, PHONE4, PHONES, 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.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 14.4kbps 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
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/RTSP 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 AES encryption, syslog
Security	
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/1.5A
Environmental	Operational: 32o - 104oF or 0° - 40°C Storage: 14o - 140oF or -10° - 60°C Humidity: 10 - 90% Non-condensing
Dimension and Weight	(L)180mm*(W)120mm*(H)36mm 356g
Compliance	FCC/CE/RCM

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Marketing Assets

1. [HT818 pictures](#)
2. [Feature icons](#)
3. [Social media banners](#)
4. [Web banners](#)
5. [Email banners](#)
6. Lifestyle Imagery Samples:
[Option 1](#) , [Option 2](#) or [Option 3](#)