



A hybrid ATA with FXS & FXO ports HT503

The HT503 is an analog telephone adapter featuring 1 analog telephone FXS port and 1 PSTN line FXO port in order to offer backup lifeline support using a PSTN line. The integration of a FXO and FXS port enables remote call origination and termination to and from the PSTN line, known as hop-on and hop-off calling. The 1 FXS port allows for extension of a VoIP service to 1 analog phone.



2 LINES

Supports 2 SIP profiles through 1 FXS and 1 FXO



TLS and SRTP security encryption technology to protect calls and accounts



Automated provisioning options include TR-069 and XML config files



Supports 3-way voice conferencing



Failover SIP server automatically switches to secondary server if main server loses connection



Supports T.38 Fax for creating Fax-over-IP



Supports a wide range of caller ID formats

zero CONFIG

Use with Grandstream's UCM series of IP PBXs for Zero Configuration provisioning



Supports advanced telephony features, including call transfer, call forward, call-waiting, do not disturb, message waiting indication, multi-language prompts, flexible dial plan and more

Interfaces	
Telephone Interfaces	1 FXS telephone port (RJ11), 1 FXO PSTN line port (RJ11) with lifeline support
Network Interfaces	Two (2) 10/100Mbps ports (RJ45) with integrated NAT router and auto-detection and support for either straight through or crossover cables
LED Indicators	Power,WAN, LAN, PHONE and LINE
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 Codexs	G.711 with Annex I (PLC) and Annex II (VAD/CNG), G.723.1A, G.729A/B/E, G.728, G.726-40/32/24/16, iLBC
Voice over Packet Capabilities	Voice Activity Detection (VAD) with comfort noise generation (CNG) and packet loss concealment (PLC), dyanmic jitter buffer, G.168 compliant line echo cancellation
Fax Over IP	T.38 compliant Group 3 fax relay up to 14.4kbps, Fax datapump V.17, V.19, V.27ter, V.29 for T.38 fax relay
Short/Long Haul Ring Load	REN 3: Up to 150 ft on 24 AWG lines
Caller ID	Bellcore type 1 & 2, ETSI, BT, NTT and DTMF-based CID
Disconnect Methods	Polarity Reversal/Wink
Signaling	
DHCP Serve/Client NAT Router	Yes, can operate in NAT router or switched mode
Network Protocols	TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS, DHCP, NTP, TFTP, TELNET, PPPoE, STUN
QoS	Layer 2 (802.1Q VLAN/802.1p) and Layer 3 (ToS, Diffserv, MPLS)
DTMF Method	RFC2833 and/or SIP INFO
Provisioning and Control	UPnP, HTTP, HTTPS, TELNET, TFTP, TR069, secure and automated provisioning using AES encryption, syslog
Security	
Media	SRTP
Control	TLS/SIPS/HTTPS
Management	Syslog support, telnet, remote management using web browser
Physical	
Universal Power Supply	Input: 100-240VAC, 50-60Hz Output: 12V VDC, 0.5A
Environmental	Operational: 32° ~ 104°F or 0° ~ 40°C; Storage: -10 ~ 130°F Humidity: 10 - 90% non condensing
Dimensions	25mm x 115mm x 75mm (when laying flat)
Compliance	FCC, CE, EN55022, EN55024 and FCC part 15 Class B, UL