



## 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

<b>Interfaces</b>	
<b>Telephone Interfaces</b>	1 FXS telephone port (RJ11), 1 FXO PSTN line port (RJ11) with lifeline support
<b>Network Interfaces</b>	Two (2) 10/100Mbps ports (RJ45) with integrated NAT router and auto-detection and support for either straight through or crossover cables
<b>LED Indicators</b>	Power,WAN, LAN, PHONE and LINE
<b>Factory Reset Button</b>	Yes
<b>Voice, Fax, Modem</b>	
<b>Telephony Features</b>	Caller ID display or block, call waiting, flash, blind or attended transfer, forward, hold, do not disturb, 3-way conference
<b>Voice Codexs</b>	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
<b>Voice over Packet Capabilities</b>	Voice Activity Detection (VAD) with comfort noise generation (CNG) and packet loss concealment (PLC), dyanmic jitter buffer, G.168 compliant line echo cancellation
<b>Fax Over IP</b>	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
<b>Short/Long Haul Ring Load</b>	REN 3: Up to 150 ft on 24 AWG lines
<b>Caller ID</b>	Bellcore type 1 & 2, ETSI, BT, NTT and DTMF-based CID
<b>Disconnect Methods</b>	Polarity Reversal/Wink
<b>Signaling</b>	
<b>DHCP Serve/Client NAT Router</b>	Yes, can operate in NAT router or switched mode
<b>Network Protocols</b>	TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS, DHCP, NTP, TFTP, TELNET, PPPoE, STUN
<b>QoS</b>	Layer 2 (802.1Q VLAN/802.1p) and Layer 3 (ToS, Diffserv, MPLS)
<b>DTMF Method</b>	RFC2833 and/or SIP INFO
<b>Provisioning and Control</b>	UPnP, HTTP, HTTPS, TELNET, TFTP, TR069, secure and automated provisioning using AES encryption, syslog
<b>Security</b>	
<b>Media</b>	SRTP
<b>Control</b>	TLS/SIPS/HTTPS
<b>Management</b>	Syslog support, telnet, remote management using web broswer
<b>Physical</b>	
<b>Universal Power Supply</b>	Input: 100-240VAC, 50-60Hz Output: 12V VDC, 0.5A
<b>Environmental</b>	Operational: 32° ~ 104°F or 0° ~ 40°C; Storage: -10 ~ 130°F Humidity: 10 - 90% non condensing
<b>Dimensions</b>	25mm x 115mm x 75mm (when laying flat)
<b>Compliance</b>	FCC, CE, EN55022, EN55024 and FCC part 15 Class B, UL