HT502

An easy-to-use 2 FXS port ATA

The HT502 is an analog telephone adapter (ATA) featuring 2 FXS ports that allows users to create a high-quality and managable IP telephony solution. The product's inclusion of an integrated NAT router and dual 10/100Mbps Ethernet WAN and LAN ports enables a shared broadband connection between multiple Ethernet devices as well as the extension of VoIP services to analog phones.

2 LINES
Supports 2 SIP profiles through 2 FXS ports and single 10/100Mbps port

TLS and SRTP security encryption technology to protect calls and accounts

Automated provisioning options include TR-069 and XML config files

3 WAY
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 Configruartion provisioning

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

Interfaces	
Telephone Interfaces	Two (2) FXS port (RJ11)
Network Interfaces	Two (2) 10/100Mbps ports (RJ45)
LED Indicators	Power,WAN, LAN, PHONE 1 and PHONE 2
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/E, G.728, G.726-40/32/24/16, iLBC
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	
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 broswer
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 (Part 68 & 15B), C-Tick, AS/NZS CISPR22, CISPR24, CE, EN55022, EN55024, TBR21, EN60950, EN61000-3-2, EN61000-3-3, UL (Power supply)