

TAG1004 Telephone Adapter

HIGH PERFORMANCE ANALOG TELEPHONE ADAPTER WITH INTEGRATED ROUTER

WELL-SUITED FOR COMMERCIAL VOIP DEPLOYMENTS. FIELD-PROVEN VOICE AND FAX TECHNOLOGY AND A FEATURE- RICH DESIGN MAKE THESE TELEPHONE ADAPTERS AN EXCELLENT CHOICE FOR VOICE OVER BROADBAND (VOIP) SERVICE PROVIDERS AND OPERATORS.



- RESIDENTIAL AND SOHO TELEPHONY VOIP GATEWAY FOR VOICE OVER BROADBAND (VOIP) NETWORKS
- UP TO 4 FXS PORTS CONNECTING TO POTS PHONES OR FAX MACHINES
- FXO PORT FOR CONNECTING TO PSTN AND PROVIDING LIFELINE IN CASE OF POWER FAILURE
- PROVIDES TOLL QUALITY VOICE COMPRESSION
- ROBUST FAX HANDLING WITH SUPPORT FOR T.38
- INTEGRATED ROUTER INCLUDING FIREWALL, NAT AND SMART TRAFFIC PRIORITIZATION
- SUPPORTS A RICH SET OF SUBSCRIBER CALLING FEATURES
- EASY INTEGRATION INTO EXISTING VOIP NETWORKS
- BROAD INTEROPERABILITY LIST OF SOFTSWITCHES AND SIP SERVERS

TAG1004 (ATA) is a well-designed, high-speed and high performance 4FXS VoIP Analog terminal adapter, which supports kinds of network protocols, such as IP-routing, bridging, PPP, NAT/PAT, and network management features such as SNMP MIB v2, CLI, Web, etc.

TAG1004 (ATA) provides high-performance voice over IP (VoIP) solution including IP-routing services for small enterprise, and other public offices as well as Internet game room and Internet based cyber apartment. It steady runs, and is compatible with various Standard VoIP system. Moreover, TAG1004 (ATA) maintains best voice quality under not only high bandwidth traffic but also low bandwidth traffic using the latest voice compression algorithm and enhanced QoS management features. In addition, TAG1004 (ATA) VoIP Gateway can be used in various network environments such as leased line, ADSL, and Cable Modem networking with fixed IP and dynamic IP environments.

KEY BENEFITS

Designed for Residential and SOHO IP Telephony

The TAG1004 (ATA) is designed for the rapidly growing residential and Small Office/Home Office (SOHO) VoIP market. The TAG1004 (ATA) typically connects to an existing Broadband Internet device (PON, cable, DSL modem or fixed wireless), and establishes a communications path with the service provider network via its IP Uplink connection. Supporting a rich set of subscriber calling features such as caller ID, call forwarding, and call waiting, the TAG1004 maintains a uniform user experience when migrating to VoIP services. In addition, the TAG1004 serves as a router, supporting connectivity of home PC Networks.

Benefit from Extensive Experience

Utilizing Telesail VOIP core architecture, and gaining from its accumulated experience in providing IP telephony solutions, the TAG1004 (ATA) combines superior voice quality and cutting-edge features for end users, such as T.38 Fax Relay and G.168-2004 compliant Echo Cancellation. Low bit rate vocoders (voice coders) can be used simultaneously on all the telephony ports to save valuable bandwidth.

Specification

Physical

- Interface
Telephone Interfaces
4 RJ-11 FXS port options
1 RJ-11 FXO
WAN/LAN:
2 RJ-45 - 10/100 Base-T
- Dimensions
30mm H x110mm W x 110mm D
- Weight
0.18kg

Power and Environmental

- Power adapter:
Input: 110V ~220V AC
Output:12V DC, 1A
- Operating humidity: 10~90%
- Operating temperature: -5°C~ 50°C

Telephone Feature

- Supplementary Features
Call Waiting, Call Hold, Call Transfer,
Call Forward,Local and Network 3-Way
conferencing, Hot Line
- Voice Coders
G.711,G.723,G.726,G.729a/B
- Echo Cancellation
G.168 compliant,64 msec tail length
- Fax Support
T.38 G3(Group 3) FAX Relay
FAX Bypass(G.711) Mode Support
- Silence Suppression
VAD, CNG
- Adaptive Jitter Buffer
300 msec
- Packetization
RTP/RTCP Packetization – RFC 3550, 3551

Protocol Support

- VoIP Signaling Support
SIP – RFC 3261
SIP over Transport Layer Security(TLS)
- Data Protocols and Features
IPv4, TCP, UDP, ICMP, ARP, RTP, RTCP
PPPoE – RFC 2516, PPTP, L2TP
DNS, Dynamic DNS, Stun
IEEE 802.1p/q (QoS & VLAN Tagging)
ToS/Diffserv
Layer 2 switching
- WAN to LAN Layer 3 routing with:
DHCP Client/Server – RFC 2132
RIP V1/V2 and static routing
NAT – RFC3022, Application Layer
Gateway (ALG)
Voice over Data prioritization
QOS traffic shaping
SPI Firewall
URL filtering
Advance Access Control
Password protected Web pages (MD5)
UPNP
IPSec
DMZ

Maintenance

- Web Server for Configuration and
Management Software
- Configuration upgrade from HTTP/
HTTPS/TFTP/FTP
- Integrated SNMP agent
CLI over Telnet
- Syslog support for debug and diagnostics

Order Information

TAG1004 VOIP Gateway

TAG1004

VoIP Telephone Adapter including 4 FXS lines, single FXO line,1 WAN port, 1 LAN port, Power adaptor: 110V AC/220V AC to 12V DC, 1A

Telesail Technology Co., Ltd

3F,TAIWEI Tower, No. 31 Jiancai West St.
Haidian District, Beijing, China 100096
Email : sale@telesail.com
Tel: +86 10 8291 2638
Fax: +86 10 5141 7010
Web Site: <http://www.telesail.com>

About Technology Co., Ltd

Telesail Technology is professional in IP-based, end-to-end networking solutions and international service and support. The company sells its broadband, wireless,transmission solutions to operators in both emerging and established telecommunications markets around the world. Telesail enables its customers to rapidly deploy revenue-generating access services using their existing infrastructure, while providing a migration path to cost-efficient, end-to-end IP networks.

For more information about Telesail, visit the company's Web site at <http://www.telesail.com>.