

ANALOG TELEPHONE ADAPTER

Audiotrix C2

2 FXS analog ports

BENEFITS

- High quality build and carrier-grade validation standards contribute to the industry's most reliable platform
- Extensive TR-069 support for easy management of large-scale deployments with a centralized EMS



The Audiotrix C2 is a VoIP Analog Adaptor that interconnects analog telephones, faxes, and modems into SIP based systems. This ATA allows operators to shorten deployment time and ensure a highly secure environment to enable cloud telephony services into branch offices and SMBs.

Interconnect any device to SIP

The Audiotrix C2 links any analog connection to an IP network and delivers a rich feature set for a comprehensive VoIP solution.

Legacy PBX system gateway

With FXS ports, local call switching, and user-defined call properties, the Audiotrix C2 smoothly integrates into legacy PBXs.

Highly reliable Fax and Modem Transmissions over IP

With T.38 and clear channel fax and modem pass-through capabilities, the Audiotrix C2 ensures seamless transport of voice and data services over IP networks.

Advanced Mass Management

Featuring advanced provisioning capabilities for a smooth integration into mass management systems, ensuring service and reducing operational costs.

APPLICATIONS

Operators

- Connect legacy equipment in PSTN replacement/TDM replacement projects
- Provide SIP termination for cloud telephony services
- Convert analog signaling to SIP for Hosted Unified Communications and IP-Centrex
- Take advantage of the VPN client to set secure and private connections

System Integrators

- Integrate Unified Communications with legacy systems
- Keep existing telephony equipment in SIP migrations
- Inter-connect branch offices to headquarters
- Support high compression codecs saving valuable bandwidth

KEY FEATURES

Networking features

Multiple IP addresses and VLANs
NAT, firewall, and router
VPN: PPTP, L2TP

Robust Security

Encrypted media and signaling
TLS encrypted provisioning

Easy Configuration and Management

Zero-touch configuration
Intuitive Web GUI
Customizable factory settings

User friendly debugging tools

Local syslog
Local network traces/capture

TECHNICAL SPECIFICATIONS

Audiotrix C2

Media Processing

G.711, G.722, G723, G726, G.729a/b
G.168 echo cancellation
DTMF detection and generation
Silence detection/suppression and comfort noise
Adaptive jitter buffer

IP Telephony

SIP 2.0 (RFC 3261, 3GPP)
UDP, TCP, and TLS transport
RTP/RTCP (RFC 3550)
SDP (RFC 4566)
STUN (RFC 3489)
NAPTR for SIP URI Lookup
DTMF: InBand, OutOfBand (RFC 2833),
SIP INFO
DHCP option for SIP server (RFC3361)
IPv4 and IPv6 dual stack

Analog Telephony

Call forward, call transfer
Call waiting, call hold
3 way conference call
On-hook/off-hook Caller ID
Distinctive ringing
Message Waiting Indication (MWI)
Music on Hold (MoH)
Dial plan, Blacklist
Call Detail Record (CDR)
Country tones presets

Fax and Modem Support

Realtime T.38 fax
Clear channel (G.711) fax and modem
pass-through

Management

Zero-touch provisioning
Auto provisioning (TFTP, HTTP, HTTPS)
Web GUI, Telnet
TR-069, SNMP
Scripts/firmware files

Enhanced Security

Denial of Service (DoS) protection
SIP over TLS
SRTP with AES cipher
MIKEY key management protocol (RFC 3830 and 4567)
SDES key management protocol (RFC 4568)
TLS-encrypted configuration
X.509 certificate management
TLS Version 1.2
Secure TLS ciphers

Networking

IPv4 - IPv6
NAT/NAPT
NAT traversal (STUN)
DMZ
MAC address cloning
DHCP Server
PPPoE (RFC 2516)
PPTP/L2TP VPN
IEEE802.1Q VLAN/802.1p/DSCP
QoS layer 3
IP conflict detection

Power Supply

External 100-240 VAC power supply

Physical Interfaces

3 x 10/100 Base-T Ethernet RJ-45
connectors
2 x RJ-11 FXS connectors

Operating Environment

Operating temperature: 0°C to 50°C
Storage temperature: -25°C to 85°C
Humidity: up to 85%, non-condensing

Dimensions

Height: 3.2 cm approx.
Width: 8.0 cm approx.
Depth: 12.0 cm approx.
Weight: 120 g

A Trusted Partner

M5 Technologies is a global supplier of multimedia communication solutions, offering a complete set of IP-based products and technologies. With a focus on innovation and excellence in customer support, we deliver highly adaptive hardware and ready-to-market software components. This allows our customers and partners to take advantage of secure, reliable, and comprehensive communication solutions. Present in more than one hundred countries, M5 Technologies has its headquarters in Canada and local representatives in North and Latin America, Europe, and the Middle East.

For additional information, contact your M5 Technologies representative.

©2025 Media5 Corporation. Information is subject to change without notice. All rights reserved.