



Audiotrix C4&C8



The Audiotrix C Series 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.

Interconnects any Device to SIP

The Audiotrix C Series 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 (including caller/calling ID), the Audiotrix C Series ATA smoothly integrates into legacy PBXs.

Highly Reliable Fax & Modem Transmissions over IP

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

VPN Client/Server

The Audiotrix C Series features new firmware, offering advanced networking features, set and use the VPN client/server according to your corporate requirements

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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

Key Features

Data Network

WAN: 1 x 10/100/1000Mbps Ethernet port
LAN: 1 x 10/100/1000Mbps Ethernet ports

Robust Security

Encrypted media, signaling, and management
Deep packet inspection firewall with DoS protection

Easy Configuration and Management

Zero-Touch configuration
Intuitive Web GUI
Customisable factory settings

Networking

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

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

Technical Specifications

Session Border Controller

G.711 (A-law and μ -law), G.729a/b
G.168 echo cancellation
DTMF detection and generation
Silence detection/suppression and comfort noise
Configurable de-jitter buffer and packet length

IP Telephony Protocol

SIP (RFC 3261) over: UDP
TCP
TLS

RTP (RFC 3550)
SDP (RFC 4566)
Redundancy support via DNS SRV
IPv4 and IPv6 dual stack

Analog Telephony

Support for: call forward
call transfer
conference call
call waiting

Multiple country presets
Customizable tones and ring patterns
Echo cancellation
Message Waiting Indication (MWI), via FSK
On-hook/off-hook caller ID generation

Management

Zero-touch provisioning
TR-069
Web GUI
TELNET, SNMP
Scripts/firmware files
Syslog, log file

Fax and Modem Support

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

Networking

IPv4 – IPv6
DHCP client
PPPoE (RFC 2516)
QoS traffic shaping
Firewall
Static routing
NAPT
DHCP Server

Power Supply

External 100-240 VAC power supply

Physical Interfaces

2 x 10/100/1000 Base-T Ethernet RJ-45 connectors
C4: 4 x RJ-11 FXS connectors
C8: 8 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: 3.0 cm approx.
Width: 18.0 cm approx.
Depth: 11.0 cm approx.
Weight: 295 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, Media5 has its headquarters in Canada and local representatives in North and Latin America, Europe, and the Middle East.

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