

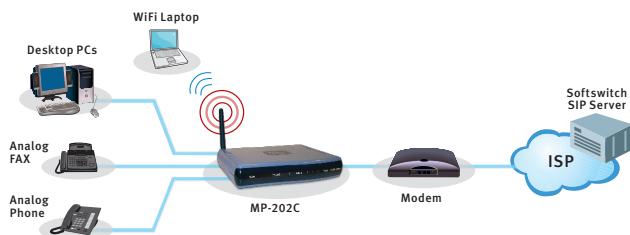
AudioCodes CPE & Access Gateway Products

MP-20x Series

MediaPack 202C Broadband VoIP Gateway and Wireless Router



- Comprehensive VoIP Gateway for Voice over Broadband (VoBB) networks, ideal for Residential and SOHO use
- 1 or 4 LAN ports with wireless (802.11 b/g) router, Firewall, NAT and advanced traffic prioritization mechanisms
- 2 analog (FXS) ports for connecting phones or fax machines
- Mass deployment provisioning with TR-069 and remote provisioning
- Broad interoperability list with Softswitches and SIP Servers



The **MediaPack™ 202C (MP-202C) Broadband Wireless VoIP Gateway** is a state-of-the-art, cost-effective, VoIP gateway, which allows the connection of home and SOHO IP networks, as well as ordinary analog telephones or fax machines to the Voice over Broadband (VoBB) service. As a member of the MediaPack™ series of media gateways, the MP-202C series of Broadband VoIP Gateways are well-suited to operate with any standard SIP-based, commercial VoIP providers. Field-proven voice, fax and feature-rich technology enables AudioCodes' Broadband VoIP Gateways to be an ideal choice for Voice over Broadband (VoBB) service providers and operators.

DESIGNED FOR RESIDENTIAL AND SOHO IP TELEPHONY

The MP-202C series was designed for the rapidly growing residential and Small Office/Home Office (SOHO) VoIP market. The MP-202C series typically connects to an existing Broadband Internet device (cable modem, DSL modem or fixed wireless), and establishes a communication link 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 (provided these feature are supported by the telephones and service provider), the MP-202C series maintains a uniform user experience when migrating to VoIP services. In addition, the MP-202C series serves as a router and a wireless Access Point, supporting connectivity of home PC Networks (wired and wireless) and the Internet.

BENEFITS FROM EXTENSIVE EXPERIENCE

Utilizing AudioCodes' VolPerfect™ software architecture, and gaining from its vast experience in providing IP telephony solutions, the MP-202C series combines superior voice quality and cutting-edge features for end users, such as T.38 Fax Relay and G.168 compliant Echo Cancellation. Low bit-rate vocoders (voice coders) can be used simultaneously on both telephony ports to conserve valuable bandwidth.

INTEROPERABILITY

The MP-202C series is designed for interoperability with leading Softswitches and SIP servers for deployment in various network environments.

MP-202C KEY FEATURES

- 2 Phone (FXS) ports for connecting POTS phones or fax machines
- WAN and LAN Ethernet ports for internal routing and switching
- WiFi Access Point (802.11 b/g)
- Bridge mode or full router functionality with DHCP, NAT, Firewall and configurable routing logic
- Premium voice quality
- Prioritization of voice over data traffic ensuring voice quality
- TR-069 support for mass deployment provisioning

AudioCodes CPE & Access Gateway Products

MP-20x Series

SPECIFICATIONS

Available Configurations	
MP-202C-A	2 FXS lines, 1 WAN port, 1 LAN port
MP-202C-R	2 FXS lines, 1 WAN port, 4 LAN ports
MP-202C-W	2 FXS lines, 1 WAN port, 4 LAN ports and Integrated 802.11b/g WiFi Access Point

Telephony Features	
Supplementary Features	Call Waiting, Call Hold, Call Transfer, Call Forward, Hot Line, 3-Way Conference with local mixing, Network 3-Way Conference, Do Not Disturb, Dialing Plan
Analog Signaling	Caller ID (Bellcore, ETSI, DTMF), MWI, Polarity Reversal, Distinctive Ringing DTMF Relay - RFC 2833, DTMF via SIP INFO Hook Flash - Local Processing or Relay Configurable Call Progress Tones (per country)

Media Processing	
Voice Coders	G.711 μ /a-law, G.729A/B, G.723.1
Fax	T.38, VBD (Voice Band Data), Bypass
Echo Cancellation	G.168 Full duplex echo canceler
Silence Suppression	VAD, CNQ
Adaptive Jitter Buffer	300 ms
Packetization	RTP/RTCP Packetization - RFC 3550, 3551

Protocol Support	
VoIP Signaling Support	SIP over TCP/UDP - RFC 3261 SIP over TLS
Data Protocols and Features	IPv4, TCP, UDP, ICMP, ARP, RTP, RTCP 802.11 b/g wireless access point (MP-202C-W) PPPoE - RFC 2516, PPTP, L2TP DNS, Dynamic DNS, STUN IEEE 802.1p (QoS) ToS/Diffserv Layer 2 switching or 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

Security Features	
General Security	SPI Firewall, URL filtering, Advanced Access Control, Denial of Service Prevention, Configuration File Encryption, Web Authentication, HTTPS provisioning
Wireless Security	RADIUS server (802.1x/WPA client Authentication), WPA, WPA2, WPA/WEP mixed mode, TKIP Encryption, MAC Filtering
SIP Security	SIPS (SIP over TLS)

Management	
Automated Provisioning	Software and Configuration upgrade via HTTP/HTTPS/TFTP/FTP
Administration	Web Server for Configuration and Management TR-069, TR-104 Integrated SNMP agent CLI over Telnet Syslog support for debug and diagnostics

Physical Specifications	
Telephone Interfaces	2 RJ-11 FXS ports
Network Interface	WAN/LAN 10/100 Base-T(RJ-45) , 1 (MP-202C-A) or 4 (MP-202C-R/W) LAN 10/100 Base-T (RJ-45), 802.11b/g WiFi (MP-202C-W)
Weight and Dimensions	MP-202C-A 223g 167.2x134x33.3 mm MP-202C-R 249g 167.2x134x33.3 mm MP-202C-W 263g 167.2x153x33.3 mm
Power	+12 VDC 1A External Power Adaptor, 110/220 VAC/50-60 Hz
LED Indications	Power, Status LED, Ethernet activity, Phone activity, WiFi LED LEDs indicating upgrade in process Softswitch Registration Status
Operating Temperature	0° to 40 °C
Storage Temperature	-25° to 70 °C
Operating Humidity	10% to 90% non-condensing
Storage Humidity	10% to 90% non-condensing

ABOUT AUDIOCODES

AudioCodes Ltd. (NasdaqGS: AUDC) designs, develops and sells advanced Voice over IP (VoIP) and converged VoIP and Data networking products and applications to Service Providers and Enterprises. AudioCodes is a VoIP technology leader focused on VoIP communications, applications and networking elements, and its products are deployed globally in Broadband, Mobile, Cable, and Enterprise networks. The company provides a range of innovative, cost-effective products including Media Gateways, Multi-Service Business Gateways, Residential Gateways, IP Phones, Media Servers, Session Border Controllers (SBC), Security Gateways and Value Added Applications. AudioCodes underlying technology, VoIPerfectHD™, relies primarily on AudioCodes leadership in DSP, voice coding and voice processing technologies. AudioCodes High Definition (HD) VoIP technologies and products provide enhanced intelligibility, and a better end user communication experience in emerging Voice networks.

International Headquarters

1 Hayarden Street,
Airport City
Lod 70151, Israel
Tel: +972-3-976-4000
Fax: +972-3-976-4040

AudioCodes Inc.

27 World's Fair Drive,
Somerset, NJ 08873
Tel:+1-732-469-0880
Fax:+1-732-496-2298

Contact us: www.audiocodes.com/info
Website: www.audiocodes.com

©2010 AudioCodes Ltd. All rights reserved. AudioCodes, AC, AudioCoded, Ardito, CTI2, CTI², CTI Squared, HD VoIP, InTouch, IPmedia, Mediant, MediaPack, NetCoder, Netrake, Nuera, Open Solutions Network, OSN, Stretto, TrunkPack, VoicePacketizer, VMAS, VoIPerfect, VoIPerfectHD, What's Inside Matters, Your Gateway To VoIP and 3GX are trademarks or registered trademarks of AudioCodes Limited. All other products or trademarks are property of their respective owners.

Ref.# LTRM-30024 05/10 V.12