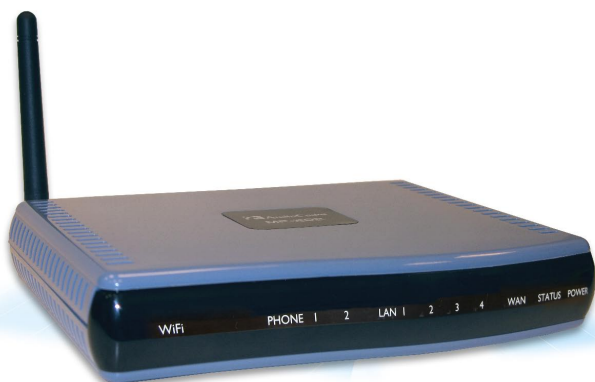


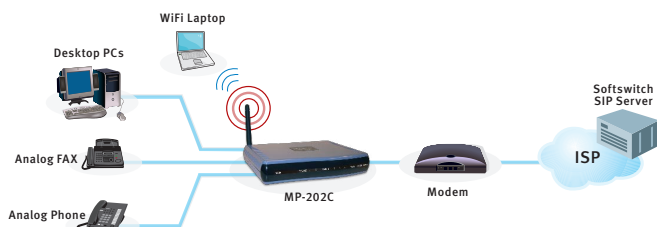
AudioCodes CPE & Access Gateway Products

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

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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.711µ/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/Q (QoS & VLAN Tagging) 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, VolPerfectHD™, 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.

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