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 market leader focused on converged VoIP & data communications 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, Session Border Controllers (SBC), Residential Gateways, IP Phones, Media Servers and Value Added Applications. AudioCodes' underlying technology, VoIPerfectHD™, relies 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 Voice communications.

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♪ **HD**VoIP
Sounds Better

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AudioCodes 300HD Series

High Definition IP Phones

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AudioCodes 300HD
Series of High Definition IP Phones

AudioCodes 300HD Series of High Definition IP Phones offers a new dimension of voice call quality and clarity for the IP Telephony market. This new series of IP Phones further expands AudioCodes' VoIP product offering for the service providers' hosted services, Enterprise IP telephony and Enterprise contact centers markets. As a natural addition to the AudioCodes Media Gateway, Media Server & Multi-Service Business Gateway products, the AudioCodes 300HD Series of High Definition IP Phones enable Systems Integrators and end-customers to build end-to-end solutions that rely on AudioCodes' technological advantage and proven track record in providing state-of-the-art, high quality, and interoperable VoIP products.

The AudioCodes 300HD Series of High Definition IP Phones meet a growing demand for High Definition VoIP solutions in end-user phones and terminals, improving the productivity and efficiency of business communications with new quality standards set by the High Definition voice technology.

Complete Range of Phones

The AudioCodes 300HD Series of High Definition IP Phones offers three phone models, which are well suited to the requirements of different types of business users. The 310HD is the 1-line, 2 concurrent calls per line entry level IP Phone and includes a basic display and user interface with multi language support. The 320HD is a 4-line, 2 concurrent calls per line premium model which includes a large Monochrome multi language graphic LCD display. The 350HD is a 6-line, 2 concurrent calls per line executive model with a large TFT color LCD display. All models support **HDVoIP**. The AudioCodes 300HD Series IP Phones are available with Power over Ethernet and/or external power supply.

Cutting Edge Voice Quality & HD VoIP

Based on AudioCodes' advanced, robust and field-proven VoIPerfectHD™ software, AudioCodes' IP Phones are designed to utilize the most popular wideband coders such as G.722, G.722.2 (WB-AMR) and Microsoft Real Time Audio (RTA). Each of these phones features enhanced proprietary capabilities, such as packet loss concealment, high quality wideband acoustic echo canceler, and low-delay adaptive jitter buffers to enrich the HDVoIP experience.

Interoperability

The AudioCodes 300HD Series of High Definition IP Phones is widely interoperable with IP-PBXs, Softswitches and IP Centrex Solutions. As Enterprises and Service Providers continue to seek open network architectures that enable them to maximize value and reduce costs, AudioCodes' best-of-breed technology, wide interoperability, and adherence to standards make the 300HD Series of High Definition IP Phones a natural selection.

Integration with VoIP Mobility

The **300HD IP Phones** can be combined with AudioCodes mobility solutions to enable a continuous access of end-users to high quality VoIP calling, wherever they are. In a business setting, AudioCodes **MobilityPLUS** solution lets employees take advantage of their Smartphone devices by installing a **MobilityPLUS** client on the Smartphones and configuring them as VoIP extensions of the business' IP-PBX and UC system. In Cloud-based IP-Centrex environments, AudioCodes **VMAS** (Voice Mobile Access Solution) enables Service Providers to offer their end-customers attractive mobile VoIP calling plans and features. The **VMAS** client can be installed on existing Smartphones, conduct calls through Wi-Fi or cellular data connections, and reduce costly cellular voice minutes and roaming charges.

Feature / Model	310HD	320HD	350HD*
Lines	1-line IP Phone with up to 2 concurrent calls per line	4-line IP Phone with up to 2 concurrent calls per line	6-line IP Phone with up to 2 concurrent calls per line
Display	2x16 Character LCD Display with backlight	132x64 Graphic LCD Display	480X272 Color TFT LCD Display
Busy Lamp Field		12 Speed Dial BLF Keys	12 Speed Dial BLF Keys
Common Telephone Keys	Menu and Menu navigation, Voicemail, Volume, Transfer, Mute, Hold, Redial, Headset and Full Duplex Speakerphone		
Telephony Features			
Supplementary Features	Call Waiting, Call Hold, Call Transfer, Call Forward, 3-Way Conference (local mix and network 3 way conference), Hot Line, DND, Mute, Speed Dial, Dial Plan, CWRR, Call Logs, Auto Answer via TALK event, Call Pickup		
Signaling	Caller ID, MWI, DTMF Relay – RFC2833, DTMF via SIP INFO, Configurable Call Progress Tones		
Media Processing			
Wideband Voice Coders	G.722, G.722.2(WB-AMR) and RTA	G.722, G.722.2(WB-AMR) and RTA	G.722, G.722.2(WB-AMR) and RTA
Narrowband Voice Coders	G.711μ/a, G.729A/B, G.723.1 and RTA	G.711μ/a, G.729A/B, G.723.1 and RTA	G.711μ/a, G.729A/B, G.723.1 and RTA
Echo Cancelation	Acoustic echo cancelation - multiple path, wideband acoustic EC	Acoustic echo cancelation - multiple path, wideband acoustic EC	Acoustic echo cancelation - multiple path, wideband acoustic EC
Packet Loss Concealment	Proprietary, innovative time variant algorithm	Proprietary, innovative time variant algorithm	Proprietary, innovative time variant algorithm
Silence Suppression	VAD, CNG	VAD, CNG	VAD, CNG
Adaptive Jitter Buffer	300 MS - adaptive minimum delay buffer	300 MS - adaptive minimum delay buffer	300 MS - adaptive minimum delay buffer
Protocol Support			
VoIP Signaling	SIP – RFC 3261, SDP – RFC 2327, SIP over TLS, DNS_SRV	SIP – RFC 3261, SDP – RFC 2327, SIP over TLS, DNS_SRV	SIP – RFC 3261, SDP – RFC 2327, SIP over TLS, DNS_SRV
Data Protocols	IPv4, TCP, UDP, ICMP, ARP, RTP, SRTP, RTCP, Static IP/DHCP IP Assignment, IEEE 802.1p/Q, QoS/ToS, HTTP/HTTPS/DHCP, NTP, FTP/TFTP, CDP/LLDP VLAN Configuration, LDAP		
Provisioning & Management	Web Server for Configuration and Management, Configuration update via FTP, TFTP, HTTP, HTTPS, DHCP Options (66,67,160,12,60,77), Mass Deployment Provisioning with TR-069 and TR-104 (client)		
Physical Specifications			
Telephone Interface	RJ-9 Handset Jack x 1, RJ-9 Headset Jack x 1	RJ-9 Handset Jack x 1, RJ-9 Headset Jack x 1	RJ-9 Handset Jack x 1, RJ-9 Headset Jack x 1
Network Interface	2 LAN RJ-45 10/100 Base-T for PC and LAN connectivity	2 LAN RJ-45 10/100 Base-T for PC and LAN connectivity	2 LAN RJ-45 10/100 Base-T for PC and LAN connectivity
Power	+12V DC, 1A Power adapter AC 100V-240V and/or Integrated Power over Ethernet - IEEE 802.3af (see price list for ordering options)		
Storage Temperature	-20° to +70°C	-20° to +70°C	-20° to +70°C
Operation Temperature	0° to +45°C	0° to +45°C	0° to +45°C
Dimensions (HxWxD)	L200xW160xH130mm	L250xW183xH185mm (Tall Standing Position)	L250xW183xH185mm (Tall Standing Position)
Weight	775gr	930gr	935gr
Approvals, Safety and Country Certifications	FCC Part 15 Class B, ICES-003 Class B, EN55022 Class B, EN61000-3-2, EN61000-3-3, UL-60950-1, EN60950-1, IEC-60950-1 (CB), CE mark, cTUVus, Australia A-Tick, AS/NZS60950-1 and AS/ASIF S004, Brazil Anatel, Japan VCCI Class B		

Please contact AudioCodes for availability