AudioCodes 420HD IP Phone PoE GbE



Product Name: AudioCodes 420HD IP Phone PoE GbE
Manufacturer: -
Model Number: IP420HDEG

Please Note: This product has been discontinued. For an alternative, please see the other AudioCodes products.

AudioCodes 420HD IP Phone PoE GbE
The AudioCodes IP420HDEG is an entry-level, feature-rich enterprise IP phone. Its flexibility and robust design makes it extremely suitable for demanding enterprises and contact centers.
 AudioCodes IP420HDEG Key Features

ï¿½ 2 Ethernet 10/100 ports
ï¿½ 4 Programmable keys
ï¿½ 128x48 Graphic LCD
ï¿½ Power over Ethernet (PoE)
ï¿½ High voice quality
ï¿½ Support for SILK codec
ï¿½ Full duplex speaker phone
ï¿½ Robust security mechanisms
ï¿½ Dual GbE support
ï¿½ PoE or external power supply
ï¿½ Out of the box global redirection server support
ï¿½ Multi-language user interface
ï¿½ Centralised management with AudioCodes IP Phone Manager (available for download free of charge)

AudioCodes IP phones can be offered as part of a Managed IP Phones solution that delivers unique and complete lifecycle management of end-user desktop devices.
Unified Communications AudioCodes provides diverse solutions tailored for the unified communications (UC) market. AudioCodes’ offering for UC includes media gateways, E-SBCs, call recording solutions, mobility and IP phones which, in addition to high quality voice calls, also support presence features.
Enterprise IP Telephony AudioCodes IP phones offer reliable, high quality communications for users of on-premises, open source and hosted IP-PBXs. Their wide range of essential business features, reliability and proven interoperability makes them the perfect choice for any SIP-based environment, from SOHO up to large enterprises.
IP Contact Centers AudioCodes IP phones provide the perfect solution for IP contact center agents. Combining excellent voice quality for contact center agents, with a compact and robust enclosure design and headset integration, AudioCodes’ IP phones offer several essential features required in the growing contact center market including fully certified VoIP interoperability with leading contact center solution providers.
 AudioCodes IP420HDEG Technical Specification
Telephony Features

ï¿½ Supplementary Features: Call waiting, call hold, call transfer, call forward, 3-way conference (local mix) and network conferencing, hot line, DND, mute, speed dial, dial plan,CWRR, call logs, auto answer via TALK event, call pickup, multiple Boss Admin, shared line appearance, call park5
ï¿½ Signaling: Caller ID, MWI, DTMF relay – RFC2833, DTMF via SIP INFO, configurable call progress tones

VoIP Applications

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ï¿½ Unified communications, IP contact centers, open-source IP-PBX, hosted IP-PBX and IP centrex

Enhanced VoIP Processing Capabilities

ï¿½ Packet loss concealment, high quality wideband, wideband acoustic echo canceler, low-delay adaptive jitter buffers

Media Processing

ï¿½ Wideband Voice Coders: G.722, OPUS2 , SILK2
ï¿½ Narrowband Voice Coders: G.711μ/a, G.729A/B, OPUS2 , SILK2
ï¿½ Additional Media Features: Acoustic echo cancelation (AEC) - multiple path, wideband acoustic EC, packet loss concealment, silence suppression, voice activation detection, adaptive jitter buffer

Protocol Support

ï¿½ VoIP and Signaling: SIP – RFC 3261, SDP – RFC 2327, SIP over TCP/UDP/TLS, DNS_SRV (redundancy), digest authentication, PRACK, early media, SIP subscribe notify, BLF1 (busy lamp field), presence, MWI (message waiting indication)
ï¿½ Data Protocols: IPv4, TCP, UDP, ICMP, ARP, RTP, SRTP, RTCP-XR, 802.1x, static IP/DHCP IP assignment, IEEE 802.1p/Q, QoS/ToS, HTTP/HTTPS/DHCP, NTP, FTP/TFTP, CDP/LLDP VLAN configuration, LDAP
ï¿½ Security: 802.1x, HTTPS, SIP over TLS and SRTP, configuration file encryption, PC port disable option
ï¿½ 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 global redirection server, provision URL via SIP SUBSCRIBE and NOTIFY, RFC6035 SIP publish for QoE reporting

General Specifications

ï¿½ Language Support: English (default), Spanish, Italian, Portuguese (with feature key), German, Russian, Ukrainian, French, Polish, Hebrew, Finnish, Korean, Simplified and Traditional Chinese, Turkish, Japanese (Kanji, Hiragana, and Katakana input modes), Hungarian, Slovak, Czech
ï¿½ Telephony Interface: RJ-9 headset jack X 1, USB port(s) for headset1 , DHSG1
ï¿½ Network Interface: 2 LAN RJ-45 10/100/1000 Base-T for PC and LAN connectivity
ï¿½ Power Requirements: +12V DC, 1A power adapter (450HD: +12V DC, 2A) AC 100V-240V and/or integrated Power over Ethernet - IEEE 802.3af (see price list for ordering options)
ï¿½ Storage/Operation Temperature: -20° to +70°C / 0° to +40°C (-4 to +158°F / 32 to +104°F)
ï¿½ Homologations & Approvals: FCC Part 15 Class B, ICES-003 Class B, EN55032 Class B, EN61000-3-2, EN61000-3-3, UL-60950-1, EN60950-1, IEC-60950-1 (CB), CE mark, cTUVus RCM, KC, Anatel, CCC, ICASA, EAC, IC, ACTA, VCCI, BSMI

Physical Specifications

ï¿½ Unit Dimension (WxDxH): 188 x 157 x 163mm (7.40 x 6.18 x 6.41 in.)
ï¿½ Unit Weight: 0.82kg (1.81lb)
ï¿½ Unit Box Dimension (WxDxH): 262 x 236 x 95mm (7.40 x 6.18 x 6.41 in.)
ï¿½ Unit Box Weight: 1.20kg (2.65lb)
ï¿½ Master Carton Dimension (WxDxH): 540 x 495 x 260mm (7.40 x 6.18 x 6.41 in.)
ï¿½ Master Carton Weight: 13.10kg (28.88lb)

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Please Enquire