AudioCodes IPC450HDEG-BW IP Phone 2 Ethernet 10/100/1000 ports, 800x480 5" Colour Touch LCD



Product Name: AudioCodes IPC450HDEG-BW IP Phone 2 Ethernet 10/100/1000 ports, 800x480 5" Colour Touch LCD
Manufacturer: AudioCodes
Model Number: IPC450HDEG-DBW

AudioCodes UC450HDEG IP Phone 2 Ethernet 10/100/1000 ports, 800x480 5'’ Colour Touch LCD
The AudioCodes UC450HDEG IP Phone is an executive high-end business IP phone with a large, colour 5” touch screen, integrated Bluetooth** and an optional colour touch screen expansion module.
AudioCodes IPC450HDEG-BW IP Phone Key Features

ï¿½ Large 5’’ colour touch screen (800 X 480) with multi-lingual support
ï¿½ Touch-oriented user interface allowing up to 8 programmable soft keys
ï¿½ Expansion module (optional) with 5’’ colour touch screen (480 X 854)
ï¿½ Full duplex speakerphone and headset connectivity
ï¿½ Integrated Bluetooth for wireless headset connectivity
ï¿½ SILK
ï¿½ Dual GbE support
ï¿½ 2xUSB headset support
ï¿½ PoE or external power supply
ï¿½ Unique multiple Boss Admin user interfaces

The AudioCodes 400HD series of IP phones include a range of easy-to-use, feature-rich products for the service provider, hosted services, enterprise IP telephony and contact centre markets. Based on the same advanced, field-proven underlying technology as our other VoIP products, AudioCodes high-quality IP phones enable service providers, systems integrators and end-customers to build end-to-end VoIP solutions.
Unified CommunicationsAudioCodes 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 TelephonyAudioCodes 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 CentersAudioCodes IP phones provide the perfect solution for IP contact centre agents. Combining excellent voice quality for contact centre agents, with compact and robust enclosure design and headset integration, AudioCodes’ IP phones offer several essential features required in the growing contact centre market including fully certified VoIP interoperability with leading contact centre solution providers.
AudioCodes IPC450HDEG-BW IP Phone Technical Specifications
Telephony Features

ï¿½ Supplementary Features: Call waiting, call hold, call transfer, call forward, 3-way conference (local mix) and network conferencing, hotline, 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 Signalling 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 centres, 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, OPUS, SILK
ï¿½ Narrowband Voice Coders G.711μ/a, G.729A/B, OPUS, SILK
ï¿½ Additional Media Features: Acoustic echo cancellation (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 headset , DHSG
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): 234 x 190 x 170/195 mm3 (9.21 x 7.48 x 6.69/7.67 in.
ï¿½ Unit Weight: 1.06Kg (2.33 lb)
ï¿½ Unit Box Dimension (WxDxH): 275 x 245 x 110 mm (10.83 x 9.65 x 4.33 in.)
ï¿½ Unit Box Weight: 1.705kg (3.75 lb)

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ï¿½ Master Carton Dimension (WxDxH): 579 x 467 x 291 mm (22.8 x 18.39 x 11.46 in.)
ï¿½ Master Carton Weight: 16Kg (35.2 lb)

Price: £281.80

Options available for AudioCodes IPC450HDEG-BW IP Phone 2 Ethernet 10/100/1000 ports, 800x480 5" Colour Touch LCD :

Generic PSU Required?

Not Required, Required (+£7.00).

Require Expansion Module?

Not Required, Add - UC450HDEG-EXP (+£99.32).