

IP Video Communication Phone

H500-C9



DESCRIPTION:

Heinrich's H500-C9 IP Video Phone for Android combines the power of a 16-line IP video phone, a multi-platform video conferencing solution, and the versatility of an Android tablet into one comprehensive communication device. This all-in-one solution features an 8" 1280x800 capacitive touch screen IPS LCD, a 2-megapixel camera, dual microphones, and dual Gigabit ports with PoE/PoE+. It delivers exceptional HD audio and video quality, integrated Wi-Fi 6, Bluetooth 5.0, and a wealth of peripheral interfaces. Operating on Android 11, the H500-C9 provides instant access to a vast array of Android apps, making it a potent tool for business communication and productivity. This device is ideal for businesses worldwide seeking a powerful desktop communication solution.

FEATURES:

- **16 Lines with up to 16 SIP Accounts:** Supports multiple lines and accounts for versatile communication needs.
- **Built-in 2 Megapixel Camera:** Facilitates high-quality video calling with a privacy shutter for security.
- **Android 11 Operating System:** Offers a modern OS with access to hundreds of thousands of Android apps.
- **Integrated Bluetooth 5.0:** Syncs with mobile devices and connects Bluetooth headsets for seamless communication.
- **Dual-Switched Auto-Sensing 10/100/1000Mbps Network Ports:** Ensures fast and reliable network connectivity.
- **Excellent Sound Quality:** Delivers superior audio performance with HD sound.
- **Integrated Dual-Band Wi-Fi 6 (2.4GHz & 5GHz):** Provides fast and stable wireless connectivity.
- **Built-in PoE/PoE+:** Powers the device and provides a network connection through a single cable.
- **Dual Microphones & HD Speakerphone:** Features Noise Shield 2.0, advanced echo cancellation, and excellent double-talk performance.
- **Quad-Core 2.0GHz RAM Cortex-A55 Processor:** Includes 4GB RAM and 16GB eMMC Flash for smooth performance.
- **8.0" Capacitive 10-Point Touch Screen IPS LCD:** Offers a responsive and clear display for easy interaction.
- **Rich Peripheral Interfaces:** Includes HDMI-in/out, USB, Type-C, 3.5mm headset jack, and EHS (Plantronics Headsets).
- **12-Way Audio Conferencing & 3-Way 1080p 30fps HD Video Conferencing:** Supports robust conferencing capabilities for efficient communication.

IP Video Communication Phone

SPECIFICATION:

Model	H500-C9
Protocols/Standards	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6, OpenVPN®
Network Interfaces	Dual switched 10/ 100/ 1000 Mbps ports with integrated PoE/PoE+
Graphic Display	8.0 inch 1280×800 capacitive touch screen (10 points) IPS LCD
Camera	Tiltable 2 mega-pixel CMOS camera with privacy shutter, 1080P@30fps
Bluetooth	Yes, integrated Bluetooth 5.0
WiFi	Yes, dual-band (2.4GHz & 5GHz) with 802.11 a/b/g/n/ac/ax, 2T2R, Wi-Fi Display & AirPlay
Auxiliary Ports	Rj9 headset jack (allowing EHS with Plantronics headsets), 3.5mm stereo headset with microphone, USB 3.0 port, Type-C, HDMI-out, HDMI-in
Feature Keys	2 function touch keys VOLUME+/-, 3 dedicated Android touch keys HOME, MENU and BACK
Voice Codecs and Capabilities	Wide-band Opus, wide-band G.722, G.711μ/a, G.729A/B, G.726-32, iLBC, in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO), VAD, CNG, AEC, PLC, AJB, AGC, ANS, Noise Shield 2.0
Video Codecs and Capabilities	H.264 BP/MP/HP, video resolution up to 1080p, frame rate up to 30 fps, bit rate up to 4Mbps, 3-way video conference (1080p@30fps), BFCP, people video(up to 1080p@30fps) + content
Telephony Features	Hold, transfer, forward (unconditional/no-answer/busy), call park/pickup, 12-way audio Conference(including the host), shared-call-appearance (SCA) / bridged-line-appearance (BLA), virtual MPK, downloadable contacts (XML, LDAP, up to 2000 items), call record(local and server), call log (up to 2000 records), call waiting, auto answer, XML customization of screen, flexible dial plan, personalized music ringtones and music on hold, server redundancy & fail-overdesking, personalized music ringtones and music on hold, server redundancy & fail-over

IP Video Communication Phone

Sample Applications	<ul style="list-style-type: none"> Local apps: Contacts, Call History, File Manager, Programmable Key, Settings, Browser, Clock, Voicemail, Calculator, Recorder, GS Market, etc. Support third-party Android apps API/SDK available for advanced custom application development
Applications Deployment	Supports Android 11 compliant applications to be developed, downloaded and run on the device with provisioning control
HD Audio	Yes, 2 omni-directional microphones, HD handset and speakerphone with support for wideband Audio.
Base Stand	Integrated stand with multiple adjustable angles
QoS	Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS
Security	User and administrator level passwords, random default admin password, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control, Kensington Security Slot (Kensington Lock) support, anti-hacking secure boot.
Multi-language	English, German, Italian, French, Spanish, Portuguese, Russian, Croatian, Chinese, Korean, Japanese, and more
Upgrade/Provisioning	Firmware upgrade via TFTP / HTTP / HTTPS or local HTTP upload, mass provisioning using TR-069 or AES encrypted XML configuration file, GDMS
Power & Green Energy Efficiency	Universal power adapter included: Input: 100-240VAC 50-60Hz; Output 12VDC 1.5A (18W) Integrated PoE* 802.3af Class 3, PoE+ 802.3at, Class 4 <i>*Must use PSU or PoE+ to power up the phone when using USB devices.</i>
Temperature and Humidity	Operation: 0°C to 40°C, Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing
Compliance	FCC: CFR 47 Part 15 Subpart B Class B; CFR 47 Part 15 Subpart C; CFR 47 Part 15 Subpart E; Part 68 (HAC) IC: RSS-247, RSS-GEN, RSS-102, ICES-003, CS-03. CE: EN 55032 Class B; EN 55035; EN IEC 61000-3-2; EN 61000-3-3; EN IEC 62368-1; ETSI EN 300328; ETSI EN 301893; ETSI EN 301489-1; ETSI EN 301489-17; EN IEC 62311 UKCA:BS EN 55032 Class B; BS EN 55035; BS EN IEC 61000-3-2; BS EN 61000-3-3; BS EN IEC 62368-1; ETSI EN 300328; ETSI EN 301893; ETSI EN 301489-1; ETSI EN 301489-17; BS EN IEC 62311 RCM: AS/ACIF S040 AS/CA S004; AS/NZS CISPR 32; AS/NZS 62368.1; AS/NZS 4268. HDMI RoHS 2.0

Disclaimer: As per our company policy one of the constant product improvements the right is there for reserved to modify the product specification without prior notice and the picture shown in the datasheet is a design base, the actual picture may vary.