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Next Generation IP Video Phone

IPM-v090



Product Overview

The IPM-V090 is a premium video IP phone for executives, remote workers, and modern offices. Its 7-inch HD display, high-quality audio/video, and Android 12 platform provide a smooth, intuitive, smartphone-like experience.

With support for five-party audio/video conferencing, video recording, and dual-screen extension, the IPM-v090 enables efficient communication and collaboration from the office, home, or remote locations.

Features

- Minimum 20 SIP accounts
- 7 inches (1024X600) HD capacitive touch screen
- USB2.0 interface, supports PoE3-way video conferencing
- Based on Android 12 system,1080P@30 full HD video
- Support 10-party audio mixed conference (supports up to 2-party video calls) With dual system function
- Built-in Bluetooth 5.0 and dual-band 2.4G WiFi modules (802.11a/1/g/n)

Video Features

- Support 1080p@30fps HD video
- Video codec: H.264 High Profile, H.264, H.263.VP8
- 5 megapixel HD camera with bezel
- Horizontal viewing angle: 84° , Vertical viewing angle: 54°
- The camera angle is adjustable the camera is external, and can be freely inserted and removed

User Interface

- 7-inch 1024x600 pixels rotatable capacitive touch screen
- Supports 10-point touch, wallpaper and screensaver
- Incoming calls and unread messages and displayed
- Support Chinese display
- Call information: Contact name, Number and Photo

Phone Interface

- 2*adaptive 10/100/1000Mbps network interfaces, Dual bridge port for PC bypass
- 2*RJ9 interfaces: handle, headset
- 1*DC12V power interface
- 1*3.5mm headphone jack
- 1*HDMI interface
- 1*OTG interface
- 1*USB2.0 interface
- 1*SIM card insert slot
- 1*Type-C interface

IP PBX Features

- BLF, BLA
- Anonymous call, Anonymous call rejection
- Mobile office, Intercom, Multicast
- Message Waiting Notification (MWI), Voice message
- Call park, Call intercept and Play music when the call is held
- Call completion and Call record

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Network

- IPV4/IPV6
- SIPv1 (RFC2543), v2 (EFC3261)
- Supports redundant servers and supports STUN intranet penetration
- SIP connection mode: proxy mode, peer direct connection mode
- IP address assignment mode: Static or Dynamic
- Supports HTTP and HTTPS services
- SNTP automatically synchronizes date and time
- UDP/TCP/DNS-SRV (RFC-3263)
- QoS: 802.1p/Q tagging (VLAN), Layer3 ToS DSCP
- Supports SRTP and TLS1.3
- HTTPS certificate management， Configuration file enctyption（AES256）
- Support Adb encryption
- Supports the message authentication MD5/MD5-SESS
- OpenVPN, IEEE802.1x, L2TP VPN
- WPA2/WPA3, Secure Startup
- GARP (Universal Attribute Registration Protocol)

Phone Specification

- Screen: 7 inches(1024x600) capacitive multi-touch screen
- Information indicator: LED Red
- Color: black
- Min 50 soft keys
- Power adapter (optional)：12V/1A DC output
- USB port Output current：5V 500mA
- Power consumption（PSU）: 6.24-9W
- Power consumption（PoE）: 7-10.2W
- Installation mode：Desktop/Wall mounted
- Desktop size: 290*118*185mm
- Working humidity: 10~95%
- Operating temperature: 0~40℃

Address Book

- Phone book contacts: Minimum 2000
- Blacklist, XML/LDAP, Address book
- Google contacts, Smart search
- Address book search/import/export
- Call logs (In/out/missed,1000 entries)

Deployment & Management

- Supports three configuration Web, Phone and Auto configuration
- Support automatic updates in FTP/ TFTP/ HTTP/HTTPS mode
- Supports PnP automatic deployment, zero deployment, TR-069
- Support keyboard lock to protect privacy
- Restore factory settings, restart, capture packets and export

Audio

- HD Voice microphone/speaker
- HAC handle
- Sound enclosure technology, Noise cancellation technology
- Intelligent noise reduction at the receiving end
- Audio codec: G.722, G.722.1, G.722.1C, PCMU (G.711A), PCMA (G.7114), G.729, G.729A, G.723.1, iLBC
- DTMF: In-band, Out-of-band (RFC2833)& SIP INFO
- VAD, CNG, AEC, PLC, AJB, AGC

Phone Features

- 16 SIP accounts
- Call hold, Call transfer, Call forwarding, Call waiting
- One key speed dial, Hotline, Mute, Do not disturb,Group listen, Emergency call, Redial, Callback, Auto answer
- Direct IP call without SIP proxy
- Set the time manually or automatically
- Dialing rules， Action URL/URI
- RTCP-XR (RFC3611), VQ-RTCPXR(RFC6035)
- Integrated access control function
- Built-in dual-band WiFi
- Network standard: IEEE802.11a/b/g/n
- Transfer rate：up to 433Mbps（dynamic）
- Band:2.4GHz/5.0GHz
- Built-in Dual Band Wifi
- Built-in Bluetooth5.0 module
- Bluetooth Headset, Phone Contacts Match, Bluetooth Phone Calls
- Connect 2 different Bluetooth devices at the same time
- Support USB or Bluetooth connection
- Basic function：Answer/Hang up/Mute a call//Redial/Call retention/Volume adjustment bidirectional
- Auxiliary stream sharing (used with video conferencing soft terminals)
- 3-party video conference
- 10-party audio and video conference (up to 2-party video call support)
- PSTN compatible (CPN10 required)
- Support for creating wireless hot spots (AP mode)
- Full keyboard input
- Support U disk recording audio, video, support video screenshots
- Message center, Control center

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