

IP960G

Enterprise IP Phone with Tri-color LCD and a number of great features



101 VOICE
RELIABLE BUSINESS COMMUNICATIONS
AN IT MANAGEMENT CORPORATION BRAND



60
PFK



Dual
Gigabit

HD + EHS



20 Lines



Overview

The IP960G is a high-end enterprise desk phone perfect for everyday use in offices or cubicles, with an intelligent Programmable Function Key-mapping LCD (PFK) which increases enterprise users' productivity at a cost-effective price.

With a color LCD display and 12 LCD PFKs, this sleek phone is both easy to use and functional. The PFKs eliminate the need for adding paper to expansion modules and provide 60 keys for receptionist use.

Dual Gigabit Ethernet ports give you more bandwidth, which means better performance and faster connection speed. With HD voice quality and speakerphone capability, you get great call clarity whether you're using handset, headset or hands-free mode including EHS.

Key Features

60 Programmable
Function Keys (PFK)

Who wants to look up and dial extensions to transfer calls anymore? Here's a better idea - do it with the press of a button.

Dual Gigabit Ethernet

Dual Gigabit Ethernet gives you more bandwidth, which means better performance, less congestion, and most importantly, less frustration.

Headphone/EHS

HD quality audio and EHS support help you get more done in less time. With EHS, there is no need to install a handset lifter anymore. Hands-free mode frees up both your hands to finish those emails, or get that contract sent out.

20 SIP Lines

Higher call volume than normal? No problem. It has 20 lines to easily handle it.

Features and Specifications

Highlights

- 20 SIP Lines
- HD Voice
- PoE Enabled
- 3 color LCDs (Main + 2 PFKs)
- Handset (HS)/Hands-free(HF) / Headphone (HP) mode(EHS support for Plantronics headsets)
- Programmable Function Keys (PFK)
- Desktop/Wall-mount installation
- Optional External Power Supply
- Economical and Environmental friendly - package
- Industrial Standard Certifications: CE/ FCC

Call Features

- Call out/answer/reject
- Mute/Unmute (microphone)
- Call Hold/Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forwarding (Always/Busy/No-Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (depending on server)
- Redial/Auto-Redial
- Do-Not-Disturb (per line/per phone)
- Auto-Answering (per line)
- Voice Message (on server)
- Local 3-way Conference
- Hot-Line
- Hot-Desking

Phone Features

- Phonebook (1000 entries)
- Remote Phonebook (XML/LDAP)
- Call log (300 entries, in/out/missed)
- Black/White List Call Filtering
- Message Waiting Indication (MWI)
- Programmable Function Keys
- Network Time Synchronization
- Action URL/Active URI
- Wideband ADC/DAC 16KHz Sampling
- HD Voice Microphone/Speaker (Handset/ Hands-free, 0 ~ 7KHz Frequency Response)
- Electronic Hookswitch (EHS) Support

- Narrowband CODEC: G.711a/u, G.723, G.726-32K, G.729
- Wideband CODEC: G.722
- Full-Duplex Acoustic Echo Canceller (AEC) -- Hands-Free Mode, 96ms tail-length
- Voice Activity Detection (VAD)/ Comfort Noise Generation (CNG)/ Background Noise Estimation (BNE)/Noise Reduction (NR)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer up to 300ms
- DTMF: In- Band, Out-of-Band - DTMF - Relay (RFC2833)/SIP INFO
- QR Code (Access to portal by scanning)

Networking

- Physical: 10/100/1000Mbps Ethernet, dual bridged port for PC bypass
- IP Configuration: Static/DHCP/ PPPoE
- Network Access Control: 802.1x
- VPN: L2TP (Basic Unencrypted)/ OpenVPN
- VLAN
- QoS

Protocols

- RTP/RTCP/SRTP
- STUN
- DHCP
- PPPoE
- 802.1x
- L2TP (Basic Unencrypted)
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR069
- SIP 2.0 over UDP/TCP/TLS
- LLDP/CDP

RFCs

- 354/1321/1350/1769/1889/1890/2131/ 2132/2616/2617/2661/2833/2976/3261/ 3262/3263/3264/3265/3268/3311/ 3489/3711/4346/4566/5630/5865

Deployment & Maintenance

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR069
- Web Management Portal
- Web-based Packet Dump
- Configuration Export/Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog

Physical Specifications

- Main LCD: 4.3 inch (480x272)
- PFK Key-mapping LCD x2: 2.4 inch color-screen LCD
- Keypad: 46 keys, including 4 Soft-keys 8 Function keys 4+1 Navigation keys + OK 12 Standard Phone Digits keys 3 Volume Control keys, Up/Down/Mute (Microphone) 1 Hands-free key 12 PFKs with tri-color LED 1 Page-Jump/Configuration (PJC) key
- HD Hands-free Speaker (0 ~ 7KHz)
- HD Hands-free Microphone (0 ~ 7KHz)
- HD Handset (RJ9)
- Standard RJ9 Handset Wire
- 1.5M CAT5 Ethernet Cable
- RJ9 Phone Jack (2): Handset, Headphone
- RJ45 Ethernet Jack (2): Network (802.3AF PoE Class 2 Enabled), PC (Bridged to Network)
- Main Chipset: Broadcom
- PoE: Class 3
- DC Power Input: 12V/1A
- Power Consumption: PoE: Idle- 3.12~ 3.6W, Peak- 6~ 10.1W
- Adaptor: Idle - 1.97~2.32W, Peak - 4.2~7.1W
- Working Temperature: 0 ~ 40 °C
- Working Humidity: 10 ~ 65%
- Single-Functional Back Rack: Desktop Stand
- Color: Black
- Package Dimensions: 315 x 270 x 65mm (W x H x L)
- EHS Cable : APD-80
- Compatible Wireless Headset : Plantronics CS500 series (CS510, CS520, CS530, CS540, CS545), Savi W700 series (W710, W720, W730, W740, W745) and Voyager Legend CS

Optional Accessories



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