

IP840G

Enterprise IP Phone with a number of great features



101 VOICE
RELIABLE BUSINESS COMMUNICATIONS



32
PFK



Gigabit



HD



6 Lines



Key Features

32 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.

Gigabit Ethernet

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

HD Headphone/Hands-Free

HD quality headphone and hands-free modes help you get more done in less time, freeing up both your hands to finish those emails, or get that contract sent out.

6 SIP Lines

Higher call volume than normal? No problem. It's got 6 lines to easily handle it.

Overview

The IP840G is a 6 line, high-end enterprise desk phone perfect for everyday use in offices or cubicles. You use the phone a lot, so you need it to be fast, intuitive, and easy to understand.

With a backlit LCD display and 8 LCD Programmable Function Keys (PFK), this sleek phone is both easy to use and functional. The PFKs eliminate the need for adding paper to expansion modules and provide 32 total keys for receptionist use.

Two 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.

Features and Specifications

Highlights

- 6 SIP Lines
- HD Voice
- PoE Enabled
- 2 LCDs (Main + PFK)
- Handset (HS)/Hands-free(HF) / Headphone (HP) mode
- 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 (500 entries)
- Remote Phonebook (XML/LDAP)
- Call log (300 entries, in/out/missed)
- Black/White List Call Filtering
- Voice Message Waiting Indication (VMWI)
- Programmable Function Keys
- Network Time Synchronization
- Action URL/Active URI
- Wideband ADC/DAC 16KHz Sampling

- Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB
- 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

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

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

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: 128x64 dot-matrix backlit
- PFK Key-mapping LCD: 64x192 dot-matrix
- Keypad: 38 keys, including 4 Soft-keys 3 Function keys 4 Navigation keys + OK 12 Standard Phone Digits keys 3 Volume Control keys, Up/Down/ Mute (Microphone) 1 Hands-free key 8 PFKs with tri-color LED 1 Page-Switch (PS) key 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
- DC Power Input: 5V/1A
- Power Consumption: Idle - ~ 1.7W, Peak - ~5.7W
- Working Temperature: 0 ~ 40°C
- Working Humidity: 10 ~ 65%
- Dual-Functional Back Rack x1: Desktop Stand/Wall-mount
- Color: Black
- Package Dimensions: 285 x 270 x 65mm (W x H x L)