



## DPH-610G

DPH-610G IP Phone is ideal for any enterprise executive or manager, Reception, or contact center supervisor. It is an executive class desktop device that provides a large color backlit display to graphically deliver rich applications to general business or across multiple vertical market sectors. The DPH-610G IP Phone delivers easy-to-use, one-touch access to many phone features and applications. The DPH-610G IP Phone features 106 programmable self-labeling keys, 20 intuitive call-state sensitive softkeys, superior sound quality. Equipped with a Gadget Sidebar, the 3.5-inch display enables one-touch access to embedded or internet-based content and applications.

**20**  
line  
20 Lines

**HD**  
HD Audio

**LED**  
3 Color  
Displays

**Bluetooth**  
Built-in  
Bluetooth

**106**  
DSS  
106  
DSS Keys

Hotel Reception

Office Reception

Executive Secretary

## Phone Features

- Local Phonebook (2000 entries)
- Remote Phonebook (XML/LDAP, 2000 entries)
- Call logs (In/out/missed, 1000 entries)
- Screen saver
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Built-in Bluetooth
- Support Bluetooth headset
- Support Wi-Fi Dongle
- Support Recording
- Action URL / Active URI
- 20 SIP lines, 3-way conference, hotspot
- HD audio on speaker phone and headset
- 4.3" main color display, 2x3.5" side color displays for DSS keys
- Up to 106 DSS keys(42 tri-colored physical keys)
- Video Codec H.264 support for receiving video calls
- Dual Gigabit ports, integrated PoE
- Stand with 2 adjustable angles of 40 and 50 degrees
- Support receiving Video call
- PoE Enabled
- 3 LCDs (Main + DSS)
- Handset / Hands-free / Headset mode
- Intelligent DSS Keys
- Optional External Power Supply

## Networking

- Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS
- RTCP-XR(RFC3611),VQ-RTCPXR(RFC6035)

## Deployment & Maintenance

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog

## Physical Specifications

- Main LCD x1: 4.3 inch (480x272) color-screen LCD
- DSS Key-mapping LCD x2: 3.5 inch (320x480) color-screen LCD
- Keypad: 77 keys, including
  - 4 Soft-keys
  - 6 Function keys (Hold, Call forward, Phonebook, MWI, Headset, Redial)
  - 4 Navigation keys
  - 1 OK key
  - 1 Return key
  - 12 Standard Phone Digits keys
  - 3 Volume Control keys, Up/Down/Mute(Microphone)
  - 1 Hands-free key
  - 42 DSS Keys with tri-color LED
  - 3 Page-Switch (PS) key
- HD Headset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- Back Rack x1
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- USB2.0 Port x1: Standard A, Connect with Wi-Fi USB dongle or Flash Driver
- DC Power Input: 5V/2A
- Power Consumption (PoE): 2.6~ 9W
- Power Consumption (Adapter): 2.4~8W
- Working Temperature: 0~45°C
- Working Humidity: 10~95%
- Installation: Desktop Stand
- Color: Dark gray
- Device Dimensions
  - Desktop Stand (Angles 1): 309 x 214 x 187mm
  - Desktop Stand (Angles 2): 309 x 226 x 167mm
- Dimensions: 323 x 301 x 71mm

## 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
- Do-Not-Disturb
- Auto-Answering
- Voice Message (On server)
- 3-way Conference
- Hot Line
- Hot desking

## Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

## Audio

- HD Voice Microphone/Speaker (Handset/Hands-free, 0 ~ 7KHz Frequency Response)
- HAC handset
- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711a/u, G.723.1, G.726-32K, G.729A/B, AMR, iLBC
- Wideband Codec: G.722, AMR-WB, Opus
- Full-duplex Acoustic Echo Canceller (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR) / Automatic Gain Control (AGC)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer up to 300ms
- DTMF: In-band, Out-of-Band – DTMF-Relay(RFC2833) / SIP INFO

## Video

- Video codec: H.264
- Video call resolution: QCIF / CIF / VGA