

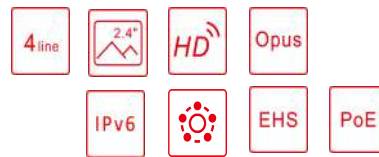


## IPX 940 IP Phone

IPX 940 is a color screen IP Phone with high performance. It supports 4 SIP lines and local 6-way conferencing, possessing a 320x240 pixel color screen to render user-friendly experience. Dual network ports, along with integrated PoE, HD audio and Opus audio codec etc rich functions, allows users to immerse in high-quality communications.

### Highlights

- ☑ 4 SIP lines, SIP hotspot
- ☑ 1000 local phonebook, caller ID, call hold, call transfer
- ☑ 2.4" color display
- ☑ HD audio on speakerphone
- ☑ Support Opus codec
- ☑ Support 6-way local conference
- ☑ Support EHS wireless headset
- ☑ Dual Fast ports, integrated PoE(J303P/J303G)
- ☑ Stand with 2 adjustable angles of 45 and 50 degrees



### Generic

- 4 SIP Lines
- HD Voice
- PoE Enabled
- 2.4-inch color screen
- Handset / Hands-free / Headset mode
- Desktop Stand / Wall-mounted (need an additional wall hanging parts)
- Optional External Power Supply

### Phone Functions

- Local Phonebook (1000 entries)
- Remote Phonebook (XML/LDAP, 1000 entries)
- Call logs (In/Out/Missed, 600 entries)
- Blocked List/Allowed List
- Screen saver
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Support Plantronics wireless headset (Through Plantronics APD-80 EHS Cable)
- Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)
- Support Recording (Through Server)
- Action URL / Active URI
- uaCSTA

### Call Functions

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forward (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (Depending on server)
- Redial
- Do-Not-Disturb
- Auto-Answering
- Voice Message (With server)
- 6-way Conference
- Hot Line
- Hot desking

### Audio

- HD Voice Microphone/Speaker (Handset/Hands-free, 0 ~ 7KHz Frequency Response)
- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711a/u, G.723.1, G.726, G.729A/B, iLBC
- Wideband Codec: G.722, 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
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)
- VQM voice quality monitoring

## Network

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

## 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
- AES128 & AES256

## Deployment & Management

- 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

- LCD: 2.4-inch (320x240) Color Screen
- Keypad: 36 keys, including
  - 4 Soft-keys
  - 9 Function keys (Hold/Transfer/Voice message/Conference/Phonebook /MWI/Headset/Redial/Hands-free)
  - 3 Line keys (With LED Indicator Light)
  - 4 Navigation keys
  - 1 OK key
  - 12 Standard Phone Digits keys
  - 3 Volume Control keys (Up/Down/Mute (Microphone))
- Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT.5E Ethernet Cable x1
- Back Rack x1
- Status Indicator Light x1 (Red)
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- Safety Keyhole x1
- DC Power Input: DC5V / 0.6A
- Power Consumption (PoE) :1.32 ~2.09W
- Working Temperature: 0~45°C
- Working Humidity: 10~95%
- Installation:
  - Desktop Stand
  - Wall-mounted (need an additional wall hanging parts)
- Color: Black
- Device Dimensions:
  - Desktop Stand (Angles 1): 169x201x177.3 mm
  - Desktop Stand (Angles 2): 169x203.3x185.8 mm
  - Wall-mounted: 169x112.7x213.3 mm
- Single Box Dimensions: 250\*220\*55mm
- Outer CTN Dimensions: 460\*300\*270mm(10 PCS)

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