

## IP Phone IX-C52

### Entry Level HD Voice IP Phone

**IX-C52 IP Phone** is an industrial masterpiece offers superior user experience and simplicity for home and office users with elegant appearance and intelligent software.

IX-C52 is positioning to be not only a telephone sitting on a user' s desktop for communication, but also a nice artwork in your living room or office.

#### Highlights

- ✓ The finest artwork in IP telephone industry
- ✓ Economical and intelligent product concepts
- ✓ Easy installation and configuration
- ✓ Smart and friendly user interface
- ✓ Multi-user accounts and profiles
- ✓ Secure and complete provisioning protocols
- ✓ High Interoperability –Compatible with major platforms: 3CX, Asterisk, Broadsoft, Elastix, MyPBX, etc.



#### Phone Features

- 2 SIP accounts
- Call hold, mute ,DND (Do Not Disturb)
- Dial plan, Dial-now
- One-touch speed dial, hotline
- XML Browser
- Call forward,call waiting, call transfer
- Action URL/URI
- Redial,call return, auto answer
- RTCP-XR (RFC3611)
- 5-way conferencing
- VQ-RTCPXR (RFC6035)
- Direct IP call without SIP proxy
- Ring tone selection/import/delete
- Set date time manually or automatically

#### IP-PBX Features

- Busy Lamp Field (BLF),BLF list
- Bridged Line Appearance(BLA)
- Anonymous call, anonymous call rejection
- Hot-desking, emergency call
- Message Waiting Indicator (MWI)
- Voice mail
- Call park, call pickup
- Intercom, paging
- Music on hold
- Call completion
- Call recording

#### Feature Keys

32 keys including:

- 2 line keys with LED

- 6 function keys: headset, speaker, hold, mute, transfer, conference
- ✦ 4 context-sensitive “soft” keys
- 6 navigation keys
- 2 volume control keys

## Hardware Interface

- 2xRJ45 10/100M Ethernet ports
- Power over Ethernet(PoE): IEEE 802.3af
- 1xRJ9 (4P4C) handset port
- 1xRJ9 (4P4C) headset port

## Voice Codecs Features

- ✦ Codecs: G.711(μ-law/A-law), G.723.1, G.726-32, G.729A/B, G.722(wide band), GSM\_FR, iLBC
- DTMF: In-Band, RFC2833, SIP Info
- Full-duplex speakerphone with AEC(Acoustic Echo Cancelation)
- Acoustic Gain Control(AGC)
- Voice Activity Detection(VAD)
- Comfort Noise Generation (CNG)
- Packet Loss Concealment (PLC)
- Adaptive Jitter Buffer (AJB)

## Physical Features

- External universal AC adapter : AC 100~240V input and DC 5V/1.2A output
- Power consumption (PSU): 1.6~2.6W
- Power consumption (PoE): 2.0~3.2W
- ✦ Operation temperature: -10 ~ 50°C
- Relative Humidity: 10 ~ 95%
- Weight - Phone: 1.08 kg
- Dimension: 224\*220\*146mm

## Directory

- Local phonebook up to 1000 entries
- Black list
- XML/LDAP remote phonebook
- Intelligent search method
- Phonebook search/import/export
- Call history: dialed/missed/received/forwarded

## Display and Indicator:.....

- ✦ 132\*48 graphical LCD with backlight
- ✦ Illuminated LEDs for line status information
- ✦ Intuitive user interface with icons and soft keys
- ✦ National language selection
- ✦ Caller ID with name, number

## Management

- ✦ Configuration: browser/phone/auto-provision
- ✦ Auto provision via FTP/TFTP/HTTP/HTTPS
- ✦ Auto-provision with PnP
- ✦ SNMP v1/v2, TR-069
- ✦ Reset to factory, reboot
- ✦ Package tracing export, system log
- ✦ Phone lock for personal privacy protection

## Network and Security

- ✦ SIP v1 (RFC2543), v2 (RFC3261)
- ✦ SIP server/proxy redundancy
- ✦ NAT traversal: STUN mode
- ✦ DHCP/Static/PPPoE HTTP/HTTPS web server
- ✦ Time and date synchronization using SNTP
- ✦ DNS-NAPTR/DNS-SRV (RFC 3263)
- ✦ SRTP for voice (SRTP)
- ✦ UDP/TCP/TLS(Transport Layer Security)
- ✦ QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP
- ✦ IEEE802.1X
- ✦ HTTPS certificate manager
- ✦ OpenVPN
- ✦ AES encryption for configuration file
- ✦ Digest authentication using MD5/MD5-session

## Languages

- ✦ English French German Spanish Portuguese
- ✦ Russian Italian Polish Turkish

## Certificates

- ✦ CE, FCC...