IP Phone C52

Entry Level HD Voice IP Phone

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

C52 is positioning to be not only a telephone siting 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 Apperance(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℃
- Relative Humidity: 10 ~ 95%
- Weight - Phone: 1.08 kg
- Dimension: 224*220*146mm

Directory

- Loal 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-sess

Languages

- English French German Spanish Portuguese
- Russian Italian Polish Turkish

Certificates

- CE, FCC...