



IP Series VoIP Handsets

- 2 SIP Lines&1 IAX2 Line
- Support 5 Ext. Consoles
- RJ9 Headset Jack
- Large Graphic LCD Display
- HD Voice, 4 DSS Keys
- LCD GUI - 8 Languages Support



IP20

is the latest enhanced business VoIP phone, based on SIP/IAX2 protocol. With sleek and elegant design, large high resolution graphic backlit LCD(128x48MM), RJ9 headset jacks, 2 SIP-line keys, 4 programmable keys with Led, 4 dynamic content-sensitive soft keys, a 5-position navigation key, including keys for voice mail, call transfer, call hold, mute, volume control, plus an excellent full-duplex speakerphone with advanced acoustic echo cancellation, make the IP20 a full-feature and high quality VoIP phone for enhancing office efficiency. Using next generation chipset the IP20 offers unrivalled superb HD Voice Quality, innovative functional richness, friendly user interface, stylish and elegant design. It is definitely able to provide a pleasant and satisfactory end-user experience.



Product Specification

- Support SIP2.0 (RFC3261) and correlative RFCs
- SIP support 2 SIP servers, and backup SIP proxy servers
- Supports SIP UDP / TCP/ TLS
- SIP support SIP domain, SIP authentication (none, basic, MD5) , DNS name of server, Peer to Peer / IP Call

Audio Features

- HD voice: HD handset
- Codec: G.711A/u, G.7231 high/low, G.729AB, G.722, G.726-32
- DTMF: In-band, RFC 2833 and SIP INFO
- Full duplex hands- free speaker phone with acoustic echo cancellation
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- Background noise suppression
- Adaptive jitter buffers
- Packet loss concealment
- SRTP
- mute

Maintenance & Management

- WEB ,telnet and LCD menu management
- Management with different account right
- Recover firmware and factory reset through POST mode
- Upgrade firmware via HTTP, HTTPS, FTP, TFTP
- DHCP option66 and custom option for auto provisioning
- Auto Provisioning to upgrade configuration file with AES(256) encryption
- TR-069 and Syslog

Advanced Features

- Call forwarding (busy/ no answer/ always)
- Call transfer (unattended/ attended/ semi-attended)
- Call holding / waiting
- 3 way call conference
- Capable of 10 way conversation
- BLF list
- Join call
- Call pickup/ park/ back
- Redial
- Call completion
- Hot desking
- SIP messaging , MWI
- Flexible dial plan
- Barring function for outgoing calls
- Do not disturb
- Auto answer
- Caller ID display
- CLIR(rejects anonymous calls)
- CLIP(to make an anonymous call)
- Dial without registration
- Call logs with missed calls/ incoming calls/ outgoing calls. Each support 300 records
- Phonebook 500 records
- Speed Dial (abbreviated dialing) Hotline/Warm-line
- Call rejection
- Black List/ White List
- Intercom/Intercom barge
- Password dial, DTMF hidden
- Action URL/ active URI
- Voice codec setting for each SIP line
- Multicast
- LDAP, XML phonebook
- Web dial
- Keypad lock, Emergency call

Key Features

- Large dot matrix LCD display and soft keys make user easier to use
- Soft keys programmable
- Function keys programmable (each key have 2-color led indication)
- Supports RJ-9 headset
- Multi languages displayed

Network/ Security Features

- WAN / LAN: 10/100M Ethernet ports
- Bridge mode and route
- PPPoE for xDSL
- 802.3af POE (optional)
- VLAN (Voice VLAN/Data VLAN)
- 802.1X
- NAT (NAPT)
- NAT transverse :Support STUN client
- DHCP client on WAN/ DHCP server on LAN
- Main DNS and secondary DNS server
- DNS Relay
- SNTP Client
- Firewall and DMZ
- Web management access restricted
- VPN(L2TP/Open VPN)

Physical features

- Adapter Input: AC 100-240V
- Adapter Output: DC 5V/1A
- WAN Port -10/100 BASE-T RJ-45 for LAN
- LAN Port-10/100 BASE-T RJ-45 for PC
- Headset : RJ9
- Power consumption: IDLE: 2.5W Active: 2.8W
- Display Resolution: 128x48 pixels
- Operation Temperature: 0~40°C
- Relative Humidity: 10~65%
- Main Chipset : Broadcom
- SDRAM: 16MB
- FLASH: 4MB
- Weight- Phone:0.99kg
- Dimension:235x225x97 mm

LCD GUI: 8 Languages

English, German, French, Italian, Spanish, Spanish (South America), Hungarian, Polish

For more information, please contact Us

Buzz Connect
Unit 6 Glenmore Business Park
Blackhill Road, Poole, Dorset BH16 6NL
Tel. 0800 037 5555
email: sales@buzzconnect.co.uk