

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



## IP20

is the latest enhanced business VoIP phone of VOPTEch, 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.

## Technical Data

### Basic Features

- ◆ Support SIP 2.0 (RFC3261) and correlative RFCs
- ◆ Support IAX2
- ◆ Support 2 SIP lines. Can connect to 2 SIP servers at the same time.
- Codec:G.711A/u, G.723.1 high/low, G.729a/b, G.722,G.726
- ◆ Echo cancellation: G.168 Compliance in LEC, additional acoustic echo cancellation(AEC) can reach 96ms max filter length in hands-free mode
- ◆ Support Voice Gain Setting, VAD, CNG
- ◆ Full duplex hands-free speakerphone
- ◆ SIP support SIP domain, SIP authentication (none, basic, MD5), DNS name of server, Peer to Peer/ IP call
- ◆ DTMF:Support SIP info, DTMF Relay, RFC2833
- ◆ 9 kind of ring type and 5 user-defined music ring (optional)

### Network Features

- ◆ WAN/LAN: 10/100M Ethernet ports, supports Route and Bridge mode.
- ◆ Support PPPoE for xDSL
- ◆ Support PoE(Optional)
- ◆ Support basic NAT and NAPT
- ◆ NAT transverse: support STUN client
- ◆ Support DHCP client on WAN
- ◆ Support DHCP server on LAN
- ◆ Support main DNS and secondary DNS server.
- ◆ Support VLAN
- ◆ Support DMZ
- ◆ Support DNS Relay, SNTP Client, Firewall

### Advanced Application Features

- ◆ Large Graphic LCD display and soft keys make user easier to use
- ◆ Friendly graphic menu
- ◆ headset interface (RJ9 connector)
- ◆ Multilanguage realizes localization
- ◆ SIP application: support call forward/ transfer (blind/attended)/ holding/ waiting/ 3 way talking/ conference/pickup/ join call/ redial and unredial/ click to dial/ vport/
- ◆ Call control features: flexible dial map, hotline, empty calling no. reject service, black list for reject authenticated call, white list, limit call, no disturb, caller ID, CLIR (reject the anonymous call), CLIP (make a call with anonymous), Dial without register
- ◆ Incoming calls /outgoing calls / missing calls. Each support 100 records.
- ◆ Support Phonebook 500 records
- ◆ Support SMS and Speed dial
- ◆ Support Memo
- ◆ Support alarm clock
- ◆ Support XML phone book/browser

### Maintenance and Management

- ◆ Web ,telnet and keypad management
- ◆ Management with different account right
- ◆ Upgrade firmware through HTTP, FTP or TFTP
- ◆ Telnet remote management/upload/download setting file
- ◆ Safe mode provide reliability
- ◆ Support Auto Provisioning (upgrade firmware or configuration file)
- ◆ Support Syslog

### About VOPTech

VOPTech is a professional VoIP products developer and manufacture. VOPTech provides VoIP communication devices for small and medium sized businesses, as well as large enterprise environments. Our VoIP devices are easy-to-install, easy-to-use, high-performance, reliable, and yet affordable. VOPTech is focused on meeting our customers' multiple requirements. Over the years, we have built a close partnership with the main VoIP manufactures in the main land of China. We have worked closely with our partners to develop various, rich functional and excellent quality products for customers. VOPTech has enrolled a group of administrative and technical talents with high education and rich experience of implementing VoIP solutions. VoiceTech constantly focus on customer service, to keep long-term relationship with our honorable customers, we will definitely be your reliable partner. Our mission is to offer customers a reasonable price, stable quality as well as prompt response to their inquiries. We believe success comes from service.

## For more information, please contact Us

Copyright © 2005 – 2012 VOPTel Technology Co., Ltd. All rights reserved.

VOPTech is a registered trademark of VOPTel Technology Co., Ltd and affiliates in China, and certain other countries and regions. Unless specified otherwise, all trademarks, in particular product names, in this document are legally protected trademarks of VOPTel Technology Co., Ltd.

Address:R201, Deyefeng Business Center, No. 1035, Gongyuan Road, Baoan District, Shenzhen, P.R.China

Tel: 86 755 27668969

Sale Email: sales@VOPTech.com