



# S.G. INTERNATIONAL GROUP H.K. LIMITED

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

Add: Gold industrial park, NanLing village, Buji Town, Shenzhen, China

Tel: (86)0755-25387626

84701880

84701680

Fax : (86)0755-84701680

[Http://www.sgcg-group.com](http://www.sgcg-group.com)

E-mail: [sgled@vip.163.com](mailto:sgled@vip.163.com)

MSN: [sgled@hotmail.com](mailto:sgled@hotmail.com)

Yahoo Messenger: [sgled\\_usa@yahoo.com](mailto:sgled_usa@yahoo.com)

### ➤ IP PBX

### PBX80



#### DESCRIPTION

The Future IP PBX system PBX80 is a next generation IP PBX that provides a cost-saving solution for small business / enterprise users on their telecommunication / data needs. The PBX80 is an embedded system with built-in SIP proxy server and NAT functions that makes it perfect for enterprise usage. The enterprise can combine both data and PBX and VoIP functions together with this single box to treat it as a Communication Center. The PBX80 provides not only basic call functions on traditional PBX system but also many advanced functions including voice mail to email, web management, roaming,..etc that's not possible on traditional PBX. With PBX80, company with branch offices in different countries can be easily combined together to work like a virtual single office through internet. PBX80 can also register to a ITSP vendor to let all offices share the benefits of the services from ITSP.

#### FEATURES

- Built-in SIP Proxy server
  - Following RFC-3261 SIP standard.
  - Support password authentication using MD5 digest and RFC-2833 for DTMF relay.
  - Support proxy routed mode and direct mode.
  - Allow up to 200 registrations.
- Built-in NAT(Router) and firewall functions
  - DHCP server inside for LAN users.
  - Support HTTP, FTP, TELNET, MSN, .. etc. network address translation(NAT) functions.
- Automatic provisioning for IP Phone installation
- Backup system configuration through Web and USB disk
- Easy system extension
  - Can register to another proxy server provided by ITSP.
  - Can register to another PBX80 to work as a bigger system.
- Embedded system
  - Cost effective.
  - Stability.
  - Remote software upgrade capability (via ftp)
    - FTP protocol provides reliable remote upgrade through Internet.
  - Support G.723.1(6.3k/5.3k), G.729A/B, G.711(A-law/U-law), GSM voice codecs
  - Following ITU-T standard to support best compatibility.
  - Simultaneous call links : 60 links.
  - Provide easy configuration methods
    - Setting by web browser.
    - Manage the user's configurations by web browser.
  - System status display on the web interface
    - User can easily know if the PBX80 is working normally and monitor the system status(network status, registering status) from the web browser.
  - Support RFC-3261, TCP/UDP/IP, RTP/RTCP, HTTP, ICMP, ARP, DNS, DHCP, NTP/SNTP, FTP, PPPoE protocols
  - Interoperable with most of the existing SIP VoIP devices( IP-phone, gateway, proxy server)
    - Please refer to the Interoperability List for the complete listing.
- Call Features
  - Authentication
  - Automated Attendant
  - Blacklists
  - Blind Transfer

© 1997-2006, S.G. INTERNATIONAL GROUP H.K. LTD. All rights reserved.

Buji Town, Shenzhen 518123, China

Tel: +86-755-25387626 , 84701880 , Fax: +86-755-84701680

Sales email: [sgled@vip.163.com](mailto:sgled@vip.163.com)

ISO 9001:2000



Cert. #801532



# S.G. INTERNATIONAL GROUP H.K. LIMITED

## SHENZHEN SHUGUANG DIGITAL TECHNOLOGY CO., LTD.

Add: Gold industrial park, NanLing village, Buji Town, Shenzhen, China

Tel: (86)0755-25387626

84701880

84701680

Fax : (86)0755-84701680

[Http://www.sgcg-group.com](http://www.sgcg-group.com)

E-mail: [sgled@vip.163.com](mailto:sgled@vip.163.com)

MSN: [sgled@hotmail.com](mailto:sgled@hotmail.com)

Yahoo Messenger: [sgled\\_usa@yahoo.com](mailto:sgled_usa@yahoo.com)

### ➤ IP PBX

### PBX80

- Call Detail Records
- Call Forward on Busy
- Call Forward on No Answer
- Call Parking
- Call Queuing
- Call Retrieval
- Call Recording
- Call Routing (DID & ANI)
- Call Transfer
- Call Waiting
- Caller ID
- Caller ID Blocking
- Caller ID on Call Waiting
- Dial by Name
- Direct Inward System Access
- Distinctive Ring
- Do Not Disturb
- Local and Remote Call Agents
- Music On Hold
- Music On Transfer
- Protocol Conversion
- Remote Call Pickup
- Remote Office Support
- Roaming Extensions
- Route by Caller ID
- SMS Messaging
- Supervised Transfer
- Three-way Calling
- Time and Date
- Trunking
- VoIP Gateways
- Voicemail
- Visual Indicator for Message Waiting
- Stutter Dialtone for Message Waiting
- Voicemail to email
- Voicemail Groups
- Web Voicemail Interface

HARDWARE SPEC	
Spec/Model	PBX80
<b>WAN Port</b>	1xRJ45 10/100 Base-T Ethernet, line auto-sensing/switching.
<b>LAN Port</b>	4xRJ45 10/100 Base-T Ethernet, line auto-sensing/switching.
<b>USB Port</b>	USB 1.1 for USB disk.
<b>LED Light</b>	6 LED for the indication of LAN/WAN link status and power status
<b>Universal Switching Power Adaptor</b>	Input: 100-240V AC Output: +12V DC, 1 A
<b>Dimension</b>	15cm(W)x12cm(D)x3cm(H)
<b>Weight</b>	240 g
<b>Operating Temperature</b>	32 - 104 oF (0 - 40 oC)
<b>Humidity</b>	10%-95% (non-condensing)
<b>EMI Compliance</b>	UL/EN/FCC Class B