Shenzhen Ultrative Technology Co., Ltd.
深圳顺驰通科技有限公司
T: +86-755-29685231
E: sales@ultrative.com
http://www.ultrative.cn | com
Add: 012#, 5/F, Block A, Hedong Bldg., Liutang Rd., Xixiang St., Bao An District, Shenzhen, China

SIMBANK32 Datasheet

SIM Bank

Quick Details

- Place of Origin: Guangdong, China (Mainland)
- Brand Name: Ultrative or OEM
- Model Number: SIMBANK128
- Type: SIM BANK
- Voice Protocol: H.323 and SIP
- Frequency: GSM 850/900/1800/1900MHZ

Shenzhen Ultrative Technology Co., Ltd.
深圳顺驰通科技有限公司
T: +86-755-29685231
E: sales@ultrative.com
http://www.ultrative.cn | com
Add: 012#, 5/F, Block A, Hedong Bldg., Liutang Rd., Xixiang St., Bao An District, Shenzhen, China

- Slots SIM bank: 128
- Type: SIM BANK
- Codec: G.711 (A/u law), G.729A/B, G.723.1
- Color: Grey

Specifications

- 128 Slots SIM bank/sim server / gateway / sms gateway / voip
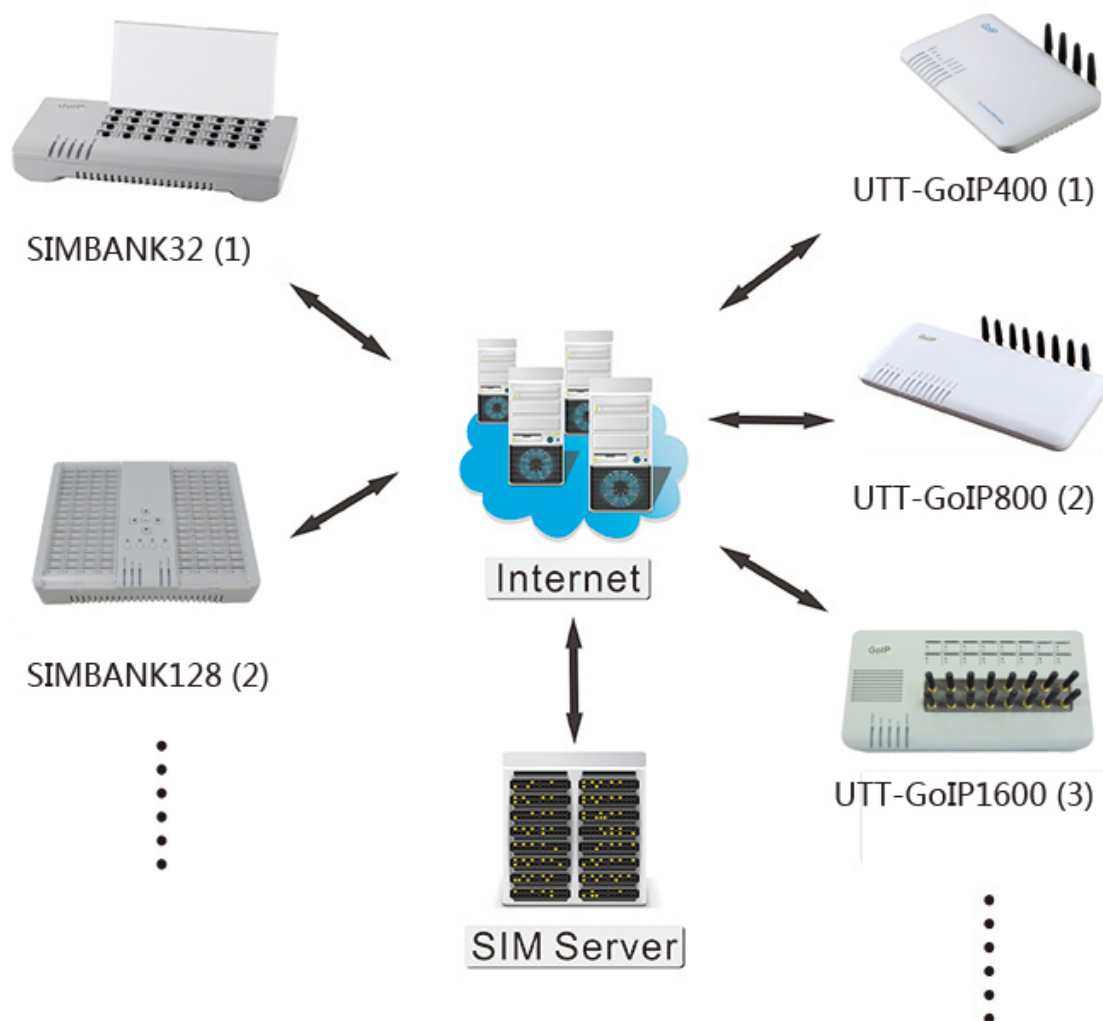- Remote and Centralized Management of SIM cards
- Hot swap

Product Description

SIM Bank, a SIM Box for 32 SIM cards, communicates directly with GoIPs with no SIM cards installed onboard. It allows centralized management and safekeeping of SIM cards. Hot swapping of SIM cards are supported so that no service interruptions to other SIM cards are incurred. SIM cards can be assigned to GoIP channels manually or dynamically with scheduled re-allocation algorithms. Therefore, SIM cards can virtually be moved between GoIP channels that are installed in different locations. In addition, SIM cards can be disabled based on certain triggering conditions and spare SIM cards can then be assigned to those GoIP channels. This mechanism helps to protect SIM cards from blocking and maximize the GoIP channel utilization.

Competitive Advantage

SIM Bank is highly scalable by using a SIM Server (a license-free utility software offered by Ultrative) to manage over 10,000 SIM cards. It offers many advanced features for SIM card management such as automatic status querying and recharging SIM cards. It is inevitable and valuable equipment for call termination service providers who require management of SIM cards intelligently and efficiently.

Applications

Shenzhen Ultrative Technology Co., Ltd.
深圳顺驰通科技有限公司
T: +86-755-29685231
E: sales@ultrative.com
http://www.ultrative.cn | com
Add: 012#, 5/F, Block A, Hedong Bldg., Liutang Rd., Xixiang St., Bao An District, Shenzhen, China

SIMBANK32 (1)

UTT-GoIP400 (1)

UTT-GoIP800 (2)

Internet

SIMBANK128 (2)

UTT-GoIP1600 (3)

SIM Server

Basic Function

Remote and centralized management of SIM cards

No need to switch and recharge SIM cards on-site

Hot swap of SIM cards without powering off the SIMBANK32

Free DDNS service to support dynamic public IP

Management of 32 SIM cards in standalone mode.

Free SIM Server for management of over 10,000 SIM cards

Counter measures for the techniques used for SIM card blocking

Online firmware upgrade

Key Features

Open Standard VoIP Protocols (ITU H.323 V4 and IETF SIP V2)

Single or Multiple Server Registrations

Two 10/100 Ethernet for WAN / LAN connections

GSM module for making GSM calls

Shenzhen Ultrative Technology Co., Ltd.
深圳顺驰通科技有限公司
T: +86-755-29685231
E: sales@ultrative.com
http://www.ultrative.cn | com
Add: 012#, 5/F, Block A, Hedong Bldg., Liutang Rd., Xixiang St., Bao An District, Shenzhen, China

Speech quality ensured by QoS at the Ethernet and IP layers and comprehensive jitter buffer

VLAN and QoS support

NAT Transversal and Router functions

Voice prompts, HTTP Web, Auto Provision support for configuration and updates

Highly stable embedded Linux operating system in high performance ARM 9 Processor

Enhanced Features

Dynamic selection of codec

Advanced jitter buffer

Automatic traversal of NAT and firewall

VLAN / Qos

Router

Echo cancellation for Speakerphone

Comfort noise generation (CNG)

Voice activity detection (VAD)

Auto provisioning (requires auto provisioning server)

On line firmware upgrade

Multi-language support: English and Chinese

Physical Features

Hardware	Parameters	Remark
Model	SIMBANK32	
Processor	ARM9 133MHZ	
DSP	VP-101-1 196MHz	
RAM	32M	
FLASH	4M	
Network Card	100/10BASE-T ×2	
LED	operating and circuit light	
Power consumption	12V/DC	
Weight	0.75kg	
Size	28.5*14.5*5(cm)	
Operating Temperature	0－45℃	
Working Humidity	40％－90％ non-condensation	
Color	grey	
SIM port	32	
RJ45 port	1	

Shenzhen Ultrative Technology Co., Ltd.
深圳顺驰通科技有限公司
T: +86-755-29685231
E: sales@ultrative.com
http://www.ultrative.cn | com
Add: 012#, 5/F, Block A, Hedong Bldg., Liutang Rd., Xixiang St., Bao An District, Shenzhen, China

Speech Characteristics	Service Condition	Remark
G.168 Echo cancellation	Support	16mS
g.723	Support	
g.711A/u	Support	
g.729A/B	Support	
GSM	Support	
PLC	Support	
CNG	Support	
VAD	Support	
Jitter Buffer	Support	
T.38	Support	
Network Characteristic	**Parameters**	**Remark**
LAN Port		
DHCP	Support	
PPPoE	Support	
Static IP	Support	
NAT Transversal	Relay or Port forwarding	Relay need coordinate with Ultrative Relay Server
Network time	NTP / SNTP	
10/100BASE-T	10/100 auto adaptation	
PC Port		
Static IP	Support	
DHCP	Max support 200 terminals	
10/100BASE-T	10/100 auto adaptation	
Switch mode	Support	
Protocols	ITU H.323 V4 and IETF SIP V2, SIP (RFC3261) TCP/UDP/IP, RTP/RTCP, HTTP, ARP/RARP, ICMP, DNS, DHCP, NTP, TFTP, TELNET, PPPoE	Support
User Interface	**Parameters**	**Remark**
Web page Configuration	HTTP	
Multiple password	3 password	Customized service

Shenzhen Ultrative Technology Co., Ltd.
深圳顺驰通科技有限公司
T: +86-755-29685231
E: sales@ultrative.com
http://www.ultrative.cn | com
Add: 012#, 5/F, Block A, Hedong Bldg., Liutang Rd., Xixiang St., Bao An District, Shenzhen, China

Keyboard setup	Support	
Online update	http	
Broadcast IP	Support	Chinese , English
Billing	Support	Coordinate with Ultrative Billing Software
Language	Chinese, English	
Multi-regional warning tone	China,HK,USA,UK,German etc.	
Warranty	One year	