



China SKYLINE Technology Co.,Ltd.

SK GoIP User Manual V1.6





<http://www.chinaskyline.net>

Tel/Fax: 86-755-82435955

Office Address: Floor 6, Building 4, No.7 Lipu Street | Dafapu Community, Bantian Road | Longgang District, shenzhen city | Guangdong, China

Content

Content.....	2
About.....	4
▪ Intro.....	4
▪ TECHNICAL PARAMETER.....	5
▪ View.....	7
Quick Start.....	8
▪ Insert SIM cards.....	9
▪ Connect Device.....	9
▪ Check Device IP.....	9
▪ Log Into The Management Web.....	9
▪ Connect To Network.....	10
▪ Connect To SIP Server.....	11
How To.....	11
▪ How to change GoIP WAN default IP?.....	11
▪ How to Insert SIM cards?.....	13
▪ How to make test VOIP calls?.....	14
▪ How to activate the SIMs locked?.....	15
GoIP Details.....	16
❖ Status Information.....	16
▪ Call status.....	16
▪ Device status.....	17
▪ System status.....	18
▪ SMS statistics.....	19
▪ InterCall Statistics.....	19
❖ Gateway Settings.....	20



- Network Setting..... 20
- SIP Setting..... 20
- Port Setting..... 22
- Base Station..... 23
- Rules Setting..... 25
- Mobile Setting..... 27
- SMS Setting..... 29
- Automation..... 31
- Simpool Setting..... 33
- InterCall Setting..... 34
- Callback Setting..... 36
- CallWait Setting..... 37
- Call Dur Setting..... 38
- Auto Recharge..... 39
- Status Notification..... 40
- ❖ System Settings..... 41
 - Codec..... 41
 - Network Debug..... 42
 - Log System..... 42
 - File Management..... 43
 - User & Device..... 43
 - Update & Restore..... 44
 - Module Update..... 45
 - Save & Reboot..... 45
 - Initialization..... 46



About

▪ Intro

SKYLINE INTERNATIONAL COMMUNICATION Co., Ltd. was founded in 2002. We have 70 employees, 15 departments and more than 10 production lines. More than 200 companies have established business with us, and they are from 40 different countries.

Our company is a manufacturer of VoIP Gateways, GSM VoIP gateways, with well-equipped testing equipment and strong technical force. With a wide range, good quality, reasonable prices and stylish designs, our products are extensively used in communication industry and other industries. Our products are widely recognized and trusted by users and can meet continuously developing economic and social needs.

We welcome new and old customers from all walks of life to contact us for future business relationships and achieving mutual success!

And we set up a new team for voice wholesale business two years ago. Currently there are five departments with professional teammates for voice business--Carriers Relations Dep, NOC Dep, Rate Dep, Billing & Finance Dep, customer Care Dep.

We are carrying more than Twenty Million minutes international outbound and inbound traffic monthly and owning 200+ interconnections with Tier1 and Tier2 carriers. We mainly focus on Asia and Africa destinations and have more than 20 direct routes such as Pakistan, Vietnam ect.

We treat every partner as our best friend because we insist on sincerity, trust and open-minded will be the key to the success for both parties. We sincerely welcome all VOIP interconnection.

SK-GoIP Gateway is a multi-functional and high performance product, which is designed with advanced embedded technology. SK-GoIP is able to process traditional voice call service and internet data service. It adapt new hardware and software structure, which supports up to 32/128 concurrent calls and perfectly support G729a/b/e, G723.1, G.711 A/U law and iLBC codecs at the same time.



▪ TECHNICAL PARAMETER

Features: Relay Encryption Solution(Fix IP Blocking)/Bandwidth Optimization/SIM Rotating Automatically(Fix SIM Blocking)/Base Station Switch/SIM Hot Plugging/Remote Control(Manage Device Anywhere)/Muti-Codec Support)/SMS Receive & Send

Human Behavior

Channels: 32/128

SIP V2.0 RFC3261

RTP/RTCP RFC3551

Echo/Silence control

Caller Anonymous

Codecs: G729 a/b/e, G723, G711 A/U law, iLBC

SIP account: Management with Authentication

VOL control

PIN Code Management

AT, SMS, USSD

GSM PARAMETERS

GSM channels: 32 Channels

Network types: 850 / 900 / 1800 / 1900 MHz (quad-band)

Transmitter power: +33dBm (2W) 850/900MHz, +30dBm (1W) 1800/1900M

SIM card: 1 SIM per channel, Small plug-in, 3V

Antenna connector: SMA (female), Impedance 50 Ω

INTERFACES

Channel: 1 SIM per Channel

WAN: RJ-45

USB: Serial Port, Baud rate: 115200, 8, n, 1, n

ADMINISTRATION

User Management program via USB interface

Includes version update capabilities for firmware or management Software

Remote Control

Telnet, Console Echo

WCDMA PARAMETERS

Channels: 128 Channels

Network types: 850/1900 & 900/2100MHz

Antenna connector: SMA (female), Impedance 50 Ω



GoIP User Manual

CDMA PARAMETERS

CDMA channels: 128 Channels

Network types: 450/800/1900MHz

Antenna connector: SMA (female), Impedance 50 Ω

MAIN POWER

Power Input: 100-240V~50-60Hz 1.2A MAX

Power Output: 12V/5A

Internet

DHCP, DNS, PPPoE

IPv4, TCP, UDP

HTTP, FTP, TFTP, ARP, NTP

OTHER

Working Temperature: 0~+50°C

Working Moisture: 10 ~ 90 % RH

32/128 Channel 128 SIM cards/32/128 Channel 32/128 SIM cards



▪ **View**



1, SIM slots: The 32/128 GoIP device can read 128 SIMs totally. It means the gateway can support 32/128 calls concurrently (32/128 channels), and each channel can read 4 SIMs named *A,B,C,D* (This SIMs will rotate to avoid blocking).

2, Channel number.

3, Channel LED: One channel include 4 LEDs for ABCD SIMs.

ACT	LED Status
Startup(Rebooting)	All ON
Fail mobile connection	Blink
Calling	ON
Idle or No SIM	Off

4, Power LED.



GoIP User Manual

5, RESET: Restore the factory default (Press the button and hold on for more than 5s).

6, Power connector.

Input power: 100-240V ~ 50-60Hz 1.2A MAX

*Output power: **12V/5A***

7, LAN: Ethernet port.

100M/10M Adaptive

8, WAN: Ethernet port.

100M/10M Adaptive

*The default WAN IP is **192.32/1288.1.10** .*

9, CONSOLE: USB serial port.

*Baud rate: **115200**, 8.n.1.n*

10, Antenna connector.

11, Cooling fans: Support 2 mode – ON & Automatic (When Control center detect the CPU too hot, fans will be ON, otherwise it will OFF).

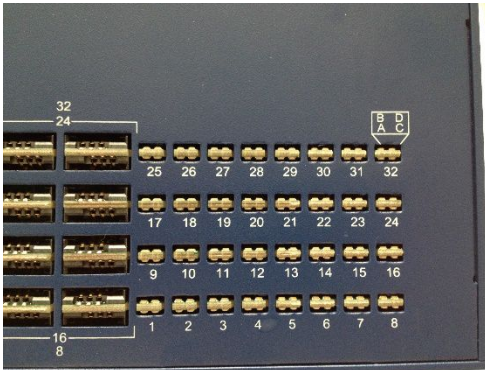
Working Temperature: 0 ~ +50 °C

Working Moisture: 10 ~ 90 % RH

Quick Start



▪ Insert SIM cards



A/C: The chip side towards up.

B/D: The chip side towards down.

▪ Connect Device

Connect the power adapter to keep power on, connect a RJ45 network cable from GoIP WAN port to a router① LAN port (The router should be connected to internet).

① router: A device used for visiting internet, such as TP-Link, Tenda, D-Link

▪ Check Device IP

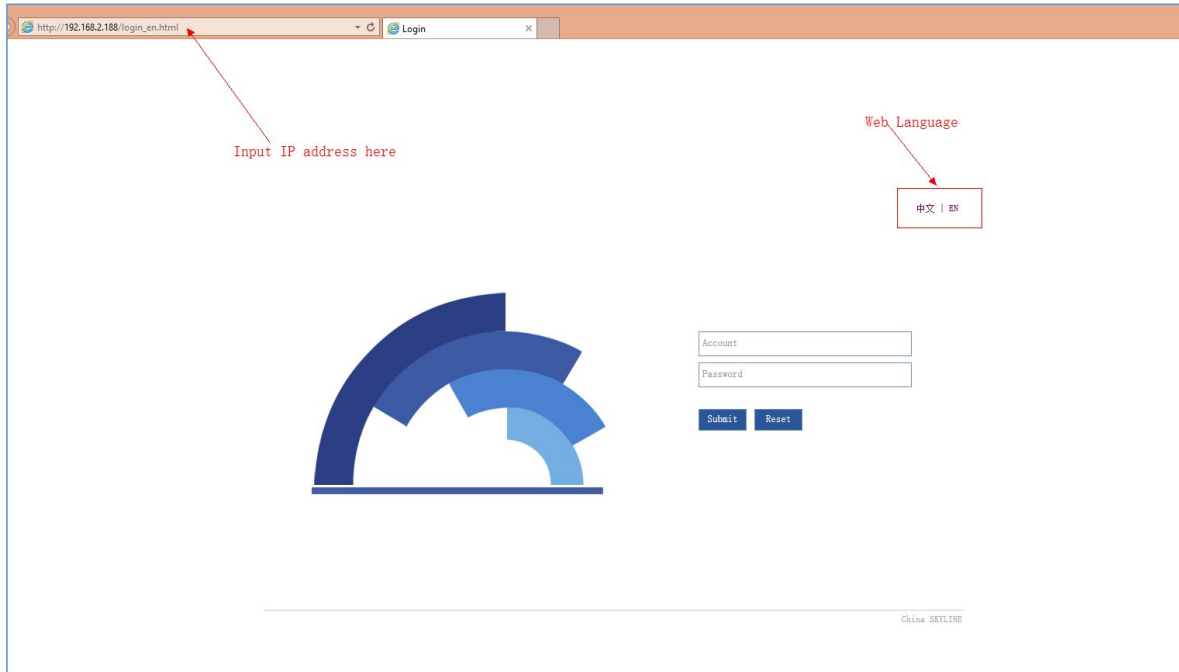
The GoIP WAN default IP is 192.32/1288.1.10.

1, If the router LAN IP is 192.32/1288.1.1, the GoIP default IP will be OK.

2, If the router LAN IP is not 192.32/1288.1.1, for example 192.32/1288.0.1, the GoIP default IP should be corrected. [How to change it?](#)

▪ Log Into The Management Web

After retrieving the IP address, open browser (IE, Chrome, FireFox, Opera ...), input the IP address and the login web will return. The username & password will be needed to log into. **Default Account is root, password is root.**



When login successfully, the “Initial Setting” guide page will be help to make gateway working more easily.

Actually, only IP address and SIP info are needed then the GoIP gateway can start to transfer VOIP calls.

▪ Connect To Network

Dynamic IP: DHCP^② mode, get an IP address from the network router automatically.

^② DHCP: Dynamic host configuration protocol.

Static IP: set IP address manually.

1, The WAN IP should be in the segment of the router.



2, The WAN IP should be unique or it will conflict with other network devices.

3, Check the IP Mask and Default Gateway in your router configuration.

The WAN IP segment will be same with the router which gateway connect to. For example, the router LAN IP is 192.32/1288.10.1, and the gateway WAN IP should be 192.32/1288.10.xxx.

PPPoE^③: User account and password are needed from your ISP^④.

③ PPPoE: Point-to-Point Protocol over Ethernet.

④ ISP: Internet Service Provider.

For VoIP to work correctly, you must have a strong and consistent Internet connection.

The quality of VoIP calls depends on the speed of your internet connection. The faster your Internet connection is, the better your calls will sound.

▪ Connect To SIP Server

The screenshot shows a configuration window titled "SIP Running Parameters". It contains several input fields and a dropdown menu:

- Protocol Mode: Registration (dropdown menu)
- Phone Number: (empty text box)
- Account: TEST
- Password: (masked with dots)
- SIP Server: 110.34.227.60
- SIP Server Port: 5060

At the bottom right of the window are two buttons: "Submit" and "Reset".

Phone Number: (same with SIP id or keep it empty)

Account: (The SIP id created in the SIP server)

Password: (The SIP password created in the SIP server)

SIP Server: (The SIP server IP address or domain name)

SIP Sever Port: (The SIP server SIP port, default port is 5060)

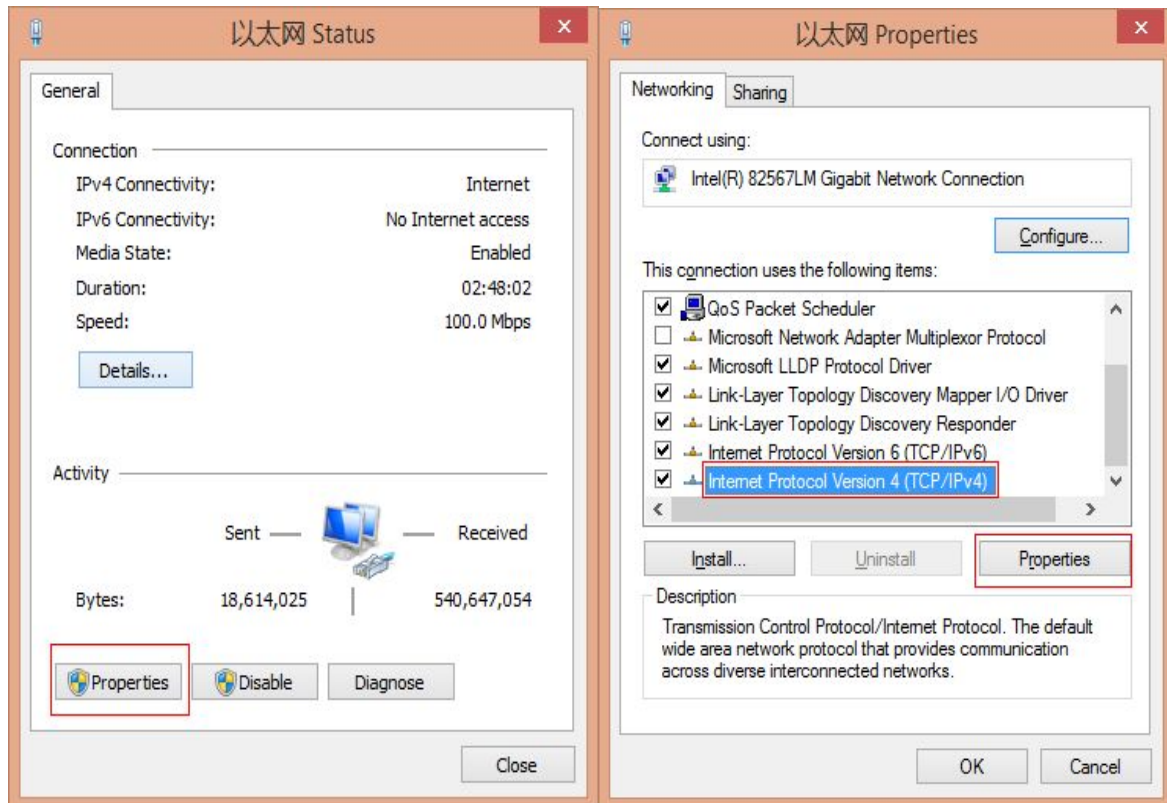
How To

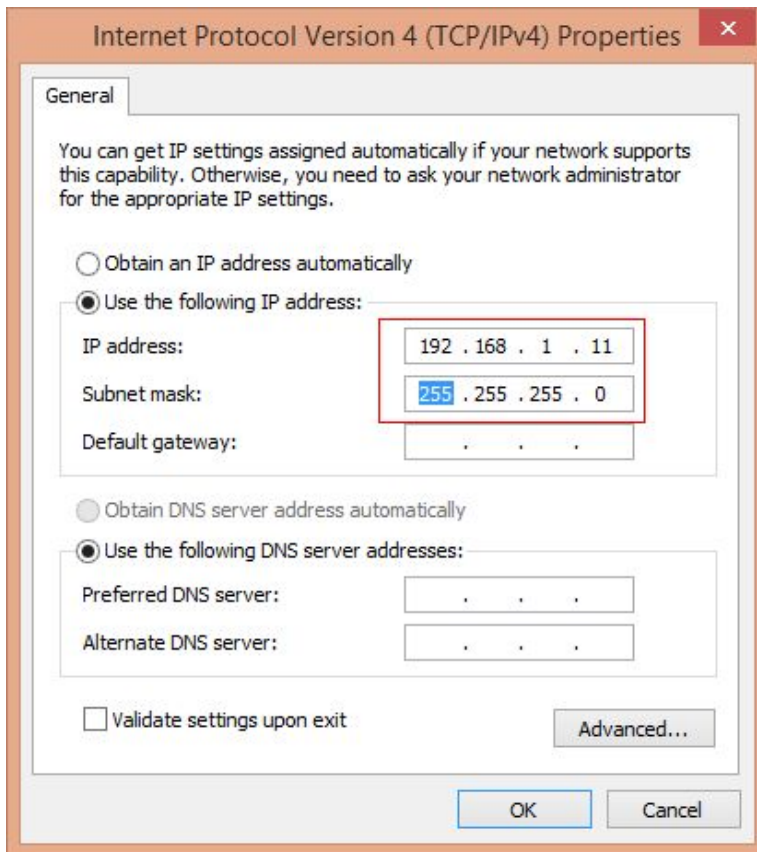
▪ How to change GoIP WAN default IP?



If the router's LAN IP segment is not same with GoIP WAN segment (192.32/1288.1.10), need modify GoIP default IP.

First, connect a computer to the same router with GoIP, add the GoIP IP segment in the computer.





Save it, then input "192.32/1288.1.10" in the browser, log into the page and change the WAN IP to be compatible with the router. [How to change WAN IP?](#)

▪ **How to Insert SIM cards?**

Refer to "[Insert SIM cards](#)".



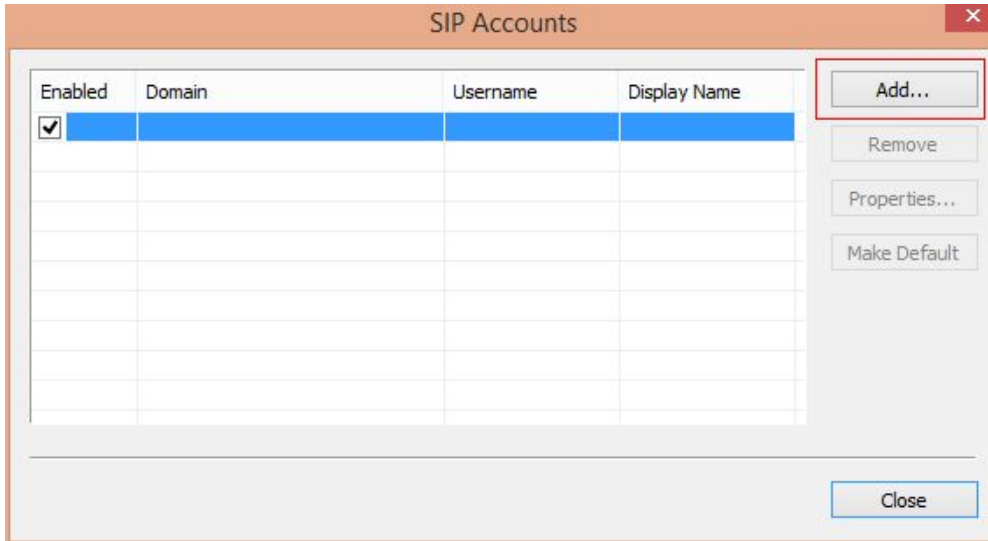
GoIP User Manual

▪ How to make test VOIP calls?

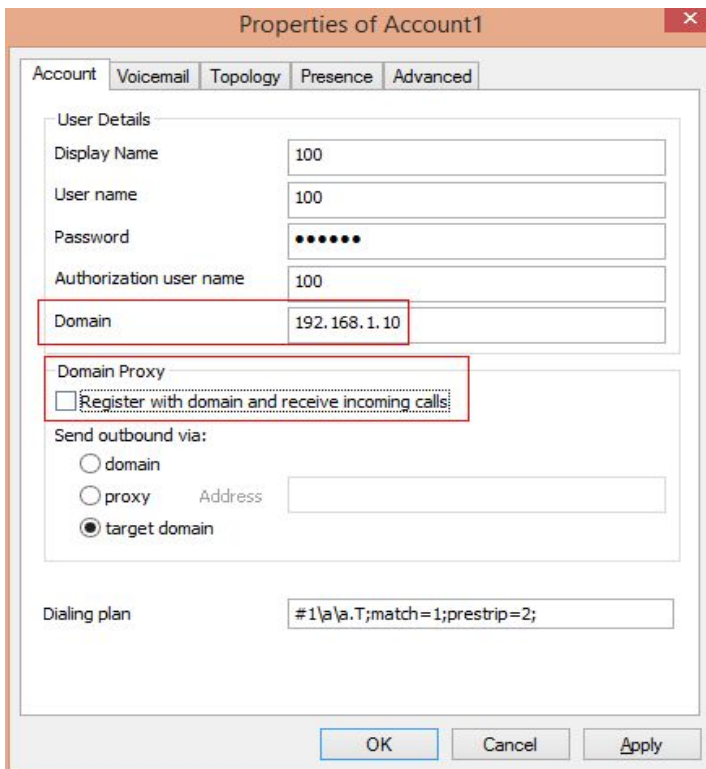
After Preparation Work is done, insert cards & network connected, a test call is necessary.



1, Download a softphone, like x-lite, install and run it.



2, Connect this softphone with GoIP peer to peer.



Display Name, User name, Password can be anything.



Domain: Input GoIP WAN IP.

Unchecking the "Register with domain and receive incoming calls".

3, Dial a phone number and test.

Port	Call Status	Duration	Balance	SIM Led	Provider	Signal Intensity	ASR	ACD	IMEI
1D	CONNECTED 10010	00:00:09	0.00		46001		66%	00:00:40	111111111111812

▪ How to activate the SIMs locked?

When the SIMs are locked temporarily, SIM status will be . There are 3 ways to unlock them.

- 1, Reload them. Take out the SIMs and reinsert.
- 2, Or reboot the gateway device.
- 3, Reboot the PORTS. Path: Gateway Settings->Port Setting.

Un-checking the corresponding SIM slots and save, then check them and save.

PortNo.	Type	Disable	Bind SIM Card	InputVol	OutputVol	Operations			
1	GSM	<input type="checkbox"/>	<input type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	0	4	Restart	Close	Start	More>>
2	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	0	4	Restart	Close	Start	More>>
3	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	0	4	Restart	Close	Start	More>>
4	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	0	4	Restart	Close	Start	More>>
5	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	0	4	Restart	Close	Start	More>>
6	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	0	4	Restart	Close	Start	More>>
7	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	0	4	Restart	Close	Start	More>>
8	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	0	4	Restart	Close	Start	More>>
9	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	0	4	Restart	Close	Start	More>>
10	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	0	4	Restart	Close	Start	More>>
11	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	0	4	Restart	Close	Start	More>>
12	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	0	4	Restart	Close	Start	More>>
13	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	0	4	Restart	Close	Start	More>>
14	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	0	4	Restart	Close	Start	More>>
15	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	0	4	Restart	Close	Start	More>>
16	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	0	4	Restart	Close	Start	More>>



GoIP Details

❖ Status Information

Show the device status.

▪ Call status

Call Status								Clear Data
Port	SIM	Call Status	Duration	Balance	SIM Led	Provider	Signal	Description
1	A	IDLE	00:26:18	0.00				Register SIM FAILED!
2	D	IDLE	00:26:06	0.00				Register SIM FAILED!
3	D	IDLE	00:20:33	0.00		46001		
4	A	IDLE	00:25:55	0.00				SIM is disabled
5	A	IDLE		0.00				No SIM Card
6	A	IDLE		0.00				No SIM Card

Port: The current SIM port.

Call Status: IDLE/INVITE/Alerting/Connected/DSC.

SIM Led: SIM mobile network status.

Registering: Registered: Calling: Locked:

Register fail: Invalid SIM: Sleep SIM:

Provider: The SIM MCC+MNC^⑤ or Mobile operator name.

^⑤MCC: Mobile Country Code.

MNC: Mobile Network Code.

Call Statistics



Call Statistics										Clear Data
Port	Calls	Alerted	Connected	Con Fails	NC	PDD	ACD	ASR	Tot CallDur	
Total	0	0	0	0	0/0					
1A	0	0	0	0	0/0					
1B	0	0	0	0	0/0					
1C	0	0	0	0	0/0					
1D	0	0	0	0	0/0					
2A	0	0	0	0	0/0					
2B	0	0	0	0	0/0					
2C	0	0	0	0	0/0					
2D	0	0	0	0	0/0					

Show the call data.

PortNo.: SIM No..

Calls: Received calls need to be sent out.

Alerted: Sent out calls number.

Connected: Calls connected successfully.

Consecutive Fails: Calls sent out with aborted consecutively.

No Carriers: Calls disconnected with No Carriers.

PDD: Delay time of returning calls info.

ACD: Show the ports ACD

ASR: Show the ports ASR

This Call Statistics data is temporary, disappear after rebooting. Of course, the user can clear it manually with clicking the "clear Data" button.

▪ Device status

SIP Status			
PortNo.	Registration Status	Module Status	IMEI
1		Yes	234321165885169
2		Yes	532448578093617
3		Yes	234532319882163
4		Yes	234591653502316
5		Yes	353633011541472
6		Yes	353633011540722



GoIP User Manual

Show the SIP status.

PortNo.: The channel No.

Registration Status: The status of connecting to SIP server.

Module Status: ON/OFF.

▪ System status

Network status: WAN and LAN port.

WAN is used to connect to network, LAN is used to connect to computer if necessary.

WAN Status			
Connection Mode:	Static	Connection Status:	Connected
IP:	192.168.2.188	Default Gateway:	192.168.2.1
DNS Server IP:	192.168.1.1	MAC Address:	00-30-f1-00-01-b7

LAN Status			
IP:	10.10.10.1	IP Mask:	255.255.255.0
DHCP Server Status:	Enabled		

System status

Other Status			
Current Time:	2014-05-05 14:48:14 UTC+8	Running Time:	3 Hr 51 Min 13 Sec
Current Version:	516-451-768-041-100-000	Released Time:	May 2 2014 13:08:00

Current Time: (The device will proofread time with NTP server)

Set the Time Zone in "System Settings->User & Device" page.

Running Time: (Show the gateway uptime)

Current Version: (The current firmware version)

Released Time: (The current firmware version release time)



▪ SMS statistics

On this page, you can scan the SMS statistics include the total SMS numbers received from wireless network, the total numbers of SMS send out to phone user, the total number of send successfully for every SIM card.

SMS Statistics									
Data List									
<input type="checkbox"/>	Port	SIM Status	Received	Sent	Sent OK	Send Failed	Con. Failed	Sending	Success Rate
<input type="checkbox"/>	Total		0	0	0	0	0	0	
<input type="checkbox"/>	1B		0	0	0	0	0	0	
<input type="checkbox"/>	2C		0	0	0	0	0	0	
<input type="checkbox"/>	3D		0	0	0	0	0	0	
<input type="checkbox"/>	4A		0	0	0	0	0	0	
<input type="checkbox"/>	5A								

▪ InterCall Statistics

When you enable the port-inter calling, you can monitor the executing details on this page. State column show inter calling status, duration display the time stay in related status. Incoming calls count the total calls this SIM card received while outgoing call display the total number of calls that send out from this SIM card. Descriptions show the caller and callee number in a inter call.

Inter-Calling Statistics					
Port No.	Status	Duration	Inbound Calls	Outbound Calls	Description
1D	IDLE		0	0	
2C	IDLE		0	0	
3D	IDLE		0	0	
4D	IDLE		0	0	

[What's Inter Call?](#)



Gateway Settings

▪ Network Setting

Refer to "[Connect To Network](#)".

If the IP parameters changed, need to reboot to make it active.

▪ SIP Setting

SIP Running Parameters	
Protocol Mode:	Registration <input type="button" value="v"/>
Encryption Method:	NONE <input type="button" value="v"/>
Phone Number:	<input type="text"/>
Account:	TEST
Password:	••••
SIP Server:	110.34.227.50
SIP Server Port:	5060
Primary Proxy IP:	118.193.48.150
Proxy Port:	21080
Secondary Proxy IP:	<input type="text"/>
Proxy Port:	5060
Expiration Period:	180
Local Port:	5060
Use Phone Number:	<input checked="" type="radio"/> Disabled <input type="radio"/> Enabled <i>* If the username is not the same with userid, enable it.</i>
Receive All Call:	<input checked="" type="radio"/> Disabled <input type="radio"/> Enabled <i>* If enabled, all call will be accepted.</i>
Drop Account Prefix:	<input type="radio"/> Disabled <input checked="" type="radio"/> Enabled <i>* Remove the account prefix presented in callee number.</i>
Auto Resp 183:	<input type="radio"/> Disabled <input checked="" type="radio"/> Enabled <i>* Send 183-Session-Progress immediately for a incoming INVITE.</i>
<input type="button" value="Submit"/> <input type="button" value="Reset"/>	

Encryption Method: NONE/Security/VOS2000

NONE: No Encryption

Security: Transfer calls with proxy server in a security way.

SIP parameters: Refer to "[Connect to SIP Server](#)".

Primary Proxy IP: The security relay proxy server IP address.

Proxy Port: Relay proxy port.

Contact the SKYLINE tech support to install proxy server software.



STUN

STUN Support: Disabled Enabled * If enabled, support the media traversal for non-symmetric NAT.

Submit Reset

Proxy Encryption

Proxy Encryption: Disabled Enabled * If enabled, system will automatically disable common encryption.

Submit Reset

Advanced Setting

Caller ID Display: Enable

Silence Suppression: Enable

Adaptive Jitter Buffer: Enable

IP TOS: Enable

Don't send # to PSTN: Enable

Append # to PSTN: Enable

Carry PSTN Caller ID: Enable

Forbid GSM Call: Enable * Excluding white list numbers.

White Number List:

* Separated by comma

DTMF Pre-Act Time:

DTMF Activity Time:

Max Alerting Time: * Secs

Max Ringback Time: * Secs

Max Call Duration: * Secs. 0 means no limit

RTP Inactivity Time: * Secs

Auto Alerting Time: * Secs

GSM AutoAnswer: Enable

AutoAnswer Time:

VoIP AutoAnswer: Enable

AutoAnswer Time: * Secs

DTMF Mode: ▼

2833 Payload Type:

RTP Ptime: ▼

RTP Start Port:

No Line Code: ▼ * Response this SIP code when no available line.

Submit Reset

We suggest that keep this advanced setting default, any problems, please contact SKYLINE tech support online.



▪ Port Setting

Basic Config

Frequency Band: MHz

Lock The Operator: Enable

Unnormal SIM Supp: Enable

The SIM cards mobile network jump among different frequency to search base station. Some SIMs only support one frequency or dual band, to save the mobile registration time, select the correct **Frequency Band** and **Lock The Operator**.

Hardware Properties

Port	Type	Disable	Bind SIM Card	InVol	OutVol	Balance	Operations
1	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	<input type="text" value="0"/>	<input type="text" value="12"/>	<input type="text" value="0.00"/>	<input type="button" value="Restart"/> <input type="button" value="More>>"/>
2	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	<input type="text" value="0"/>	<input type="text" value="12"/>	<input type="text" value="0.00"/>	<input type="button" value="Restart"/> <input type="button" value="More>>"/>
3	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	<input type="text" value="0"/>	<input type="text" value="12"/>	<input type="text" value="0.00"/>	<input type="button" value="Restart"/> <input type="button" value="More>>"/>
4	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	<input type="text" value="0"/>	<input type="text" value="12"/>	<input type="text" value="0.00"/>	<input type="button" value="Restart"/> <input type="button" value="More>>"/>
5	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	<input type="text" value="0"/>	<input type="text" value="12"/>	<input type="text" value="0.00"/>	<input type="button" value="Restart"/> <input type="button" value="More>>"/>
6	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	<input type="text" value="0"/>	<input type="text" value="12"/>	<input type="text" value="0.00"/>	<input type="button" value="Restart"/> <input type="button" value="More>>"/>
7	GSM	<input type="checkbox"/>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D	<input type="text" value="0"/>	<input type="text" value="12"/>	<input type="text" value="0.00"/>	<input type="button" value="Restart"/> <input type="button" value="More>>"/>

USSD Operations

Please Select Port: All 01 02 03 04 05 06 07 08
 09 10 11 12 13 14 15 16

AT Command:

USSD Command:

Time Interval(min):

Manually Call:

The gateway hardware modules are controlled by "AT Command", and the SIM can get extend service by sending USSD Command from SIM operator. Checking frequency is supported to limit in "Time Interval". And calls can happen directly in "Manually Call" to callee number typed, it's easy to check SIMs inside if they are working, no need to take out SIM and insert it to mobile phone anymore.



▪ Base Station

Basic Settings
Max Channels:
Lowest Valid Signal: dbm
Switch Period: Minutes
Base Balancing: Disable Enable

Base Stations Settings/Operations

Port No	Base Selection	Base Station	White List	Black List	Operations
1	Poll <input type="button" value="v"/>	115	<input type="text"/>	<input type="text"/>	<input type="button" value="Refresh"/>
2	Auto <input type="button" value="v"/>	0	<input type="text"/>	<input type="text"/>	<input type="button" value="Refresh"/>
3	Auto <input type="button" value="v"/>	0	<input type="text"/>	<input type="text"/>	<input type="button" value="Refresh"/>
4	Auto <input type="button" value="v"/>	0	<input type="text"/>	<input type="text"/>	<input type="button" value="Refresh"/>
5	Auto <input type="button" value="v"/>	0	<input type="text"/>	<input type="text"/>	<input type="button" value="Refresh"/>
6	Auto <input type="button" value="v"/>	0	<input type="text"/>	<input type="text"/>	<input type="button" value="Refresh"/>
7	Auto <input type="button" value="v"/>	0	<input type="text"/>	<input type="text"/>	<input type="button" value="Refresh"/>
8	Auto <input type="button" value="v"/>	0	<input type="text"/>	<input type="text"/>	<input type="button" value="Refresh"/>
9	Auto <input type="button" value="v"/>	0	<input type="text"/>	<input type="text"/>	<input type="button" value="Refresh"/>
10	Auto <input type="button" value="v"/>	0	<input type="text"/>	<input type="text"/>	<input type="button" value="Refresh"/>
11	Auto <input type="button" value="v"/>	0	<input type="text"/>	<input type="text"/>	<input type="button" value="Refresh"/>
12	Auto <input type="button" value="v"/>	0	<input type="text"/>	<input type="text"/>	<input type="button" value="Refresh"/>
13	Auto <input type="button" value="v"/>	0	<input type="text"/>	<input type="text"/>	<input type="button" value="Refresh"/>
14	Auto <input type="button" value="v"/>	0	<input type="text"/>	<input type="text"/>	<input type="button" value="Refresh"/>
15	Auto <input type="button" value="v"/>	0	<input type="text"/>	<input type="text"/>	<input type="button" value="Refresh"/>
16	Auto <input type="button" value="v"/>	0	<input type="text"/>	<input type="text"/>	<input type="button" value="Refresh"/>

User can limit the base station numbers and time allowed to connect, then the SIMs won't jump among them too frequent to get poor calling quality. Surely, the optimization and binding are both supported in "Base Station Setting/Operations" panel.

Max channels⑧: The max base station numbers detected allowed.

⑧ The top x base station with best signal included.

Lowest valid signal: A reference digit.

The signal is more and more weak when the dbm is lower than -90.

Switch Period: The time allow SIMs how long to switch base station.



GoIP User Manual

Base Balancing: This will take active in Auto mode. When its enable, SIM cards in this gateway will connect to base stations allowed evenly, or there may be offline problem.

Auto: SIMs register to the base station with best signal.

Poll: SIMs register to the base station in the list in turn.

And user can select a specific station code to bind it, then SIM won't jump and keep working without switch to re-register.

If some base stations are unsatisfactory, add them to black list;

If some base stations are stable and good, add them to white list.

Refresh: Update the current station status.

▪ IMEI Setting

Some mobile operators detect SIM cards working with unconventional use, not only block SIM cards but also device IMEI, if IMEI can't be modified, GoIP gateways active one-time.

Specify IMEI Prefix Customize Range

Port IMEI

Port	IMEI	A	B	C	D
1	234321165885169				
2	532448578093617				
3	234532319882163				
4	234591653502316				
5	353633011541472				
6	353633011540722				
7	353633011541209				
8	353633011541019				
9	353633011541373				
10	353633011541688				
11	353633011541084				
12	563456456572786				
13	094460953518753				
14	070563944129875				
15	890987654567891				
16	353633011540904				

Input IMEI number for each ports Manually.



Specify IMEI Prefix Customize Range

Dynamic IMEI List

Data Detail

Data Status:

IMEI Start:

IMEI Size:

Data List

<input type="checkbox"/>	IMEI Start	IMEI Size	Operation
<input type="checkbox"/>	1111123452333	100	[Delete] [Edit]

Input a Start IMEI number with 15 digits;

Input the IMEI database capacity around size.

A new IMEI number will be active after rebooting or changing SIMs.

▪ Rules Setting

Dialing Plan

Data List

<input type="checkbox"/>	Pattern	Operation
No Data		

The dial pattern string is a normal regular expression. For example: The pattern 90[1-4] means the dialed number start with 90 and end with anyone of 1/2/3/4. So like the input 901,902,903 or 904 all can be accepted.



Prefix

Outbound Prefix Detail

Data Status: Port: Original Prefix: Translated Prefix:

Outbound Prefix List

	Ports	Original Prefix	Translated Prefix	Operation
<input type="checkbox"/>				
No Data				

Inbound Prefix List

	Callee Prefix	Digits Stripped	Digits Added	Operation
<input type="checkbox"/>				
No Data				

CallerId Hidden

CallerId Hidden: Dial Prefix:

Outbound Prefix: The rule take effect when GoIP is used for terminal.

Original Prefix: The called number prefix reach GoIP from SIP server.

Translated Prefix: Another number which GoIP rewrite the Original prefix to.

Callerid Hidden: Hide the SIMs number in GoIP when Callee 's phone receive the VOIP calls.

This option take effect only when the SIM support it.

Black List

Black List

	Callee Prefix	Callee Length	Operation
<input type="checkbox"/>			
No Data			

White List

	Callee Prefix	Callee Length	Operation
<input type="checkbox"/>			
No Data			



▪ Mobile Setting

PIN Setting

PIN Unblock: Disabled Enabled

Port:

PIN:

When SIMs inside need PIN code to unlock, user can type those code in this ABCD option in advanced.

Billing Setting

Billing: Disabled Enabled

Hangup The Call: Disabled Enabled * When the balance is not enough.

USSD Check: Disabled Enabled

Auto Query Balance: * Minutes, the period of sending USSD query command.

When balance warning send SMS to

Billing: Specify whether enable GoIP billing or not. If set to Enabled, system will bill the outbound calls for the port which has been assigned with billing tariffs.

Hangup The Call: Specify whether enable hangup the call when balance is ont enough. When select enable, the call will be hang up immediatly when run out of balance. But when you select disable the call will not be hangup.

USSD Check: Specify whether enable to get balance through USSD check or not. This field takes effect only when GoIP Billing is set to Enabled.

Auto Query Balance: You can set the minutes how long check the simcards balance auto.

When balance warning send SMS to : when you set the balance warning ,if the simcards balance less that the warning ,it will send SMS to the number which you input.

Provider List

Index	Provider ID	Name	Query Method	Caution Balances	Invalid Balances
1	46001	CHINA UNICOM GSM	<input type="text" value="USSD"/>	<input type="text" value="0.00"/>	<input type="text" value="0.00"/>



GoIP User Manual

USSD Query Keyword List						
Index	Provider ID	Query Command	Balance Keywords	Invalid Balance Keywords	Invalid SIM Keywords	
1	46001	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
						<input type="button" value="Inquiry Now"/> <input type="button" value="Submit"/>

SMS Query Keyword List						
Index	Operator ID	Service Num	Query Cmd	Balance Keys	Invalid Bal Keys	Invalid SIM Keys
1	46001	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
						<input type="button" value="Inquiry Now"/> <input type="button" value="Submit"/>

Fields are specified as following:

Name: Specify the provider name.

Query Method : Choose USSD or SMS Method to query

Caution Balances: Specify four balances separated by semi-colon. Each balance corresponds to one Keyword from left International Keys to right Other Keys in Keyword List table. Each caution balance is a threshold for system to get card balance through USSD if current balance is less than this threshold. However, the final card balance is based on only one type which is specified by field Billing Type in the part of Basic Settings.

Invalid Balances: like Caution Balances, it specifies the threshold for system to disable the card if current balance is less than this threshold.

Query Command: Specify the query command

Balance Keywords: Specify keywords for system to analyze the balance data after sending USSD command to carrier mobile network.

Invalid Balance Keywords: Specify the invalid balance keywords

Invalid SIM keywords: Specify the invalid sim keywords.

Service Num: Specify the service number.

And other option are the same as the USSD Query Keyword List.



▪ SMS Setting

SMS Inbox					
Port	Sender	Time	Content	Operations	
1D	10010	05-05 20:06	你好，我是广东联通在线客服机器人沃宝，很高兴认识你。	Details(1)	
2A				Details(0)	
3A				Details(0)	
4D				Details(0)	
5A				Details(0)	

Operations: Click "Details" button to jump to "SMS Details" page.

SMS Details						Collapse
Please Select Port: <input type="text" value="1"/>						
Please Select SIM: <input type="text" value="D"/>						
Data List				<input type="button" value="Back"/>	<input type="button" value="Refresh"/>	<input type="button" value="Batch Delete"/>
<input type="checkbox"/>	Port	Sender	Time	Content	Operations	
<input type="checkbox"/>	1D	10010	05-05 20:06	你好，我是广东联通在线客服机器人沃宝，很高兴认识你。	<input type="button" value="Reply"/> <input type="button" value="Delete"/>	
Total: 1 1/1 Pages <input type="text" value="Page1"/> <input type="text" value="10/Page"/>						

Choose different port and different SIM to check SMS received.

Settings of Sending SMS	
SMS Format:	<input checked="" type="radio"/> PDU <input type="radio"/> TXT
Forward Protocol:	<input type="text" value="GSM"/> <input type="text" value="SIP"/> <input type="text" value="HTTP"/>
<input type="button" value="Submit"/> <input type="button" value="Reset"/>	



GoIP User Manual

Scheduled Sending

Content:	<input type="text" value="maximum 300 ASCII characters!"/>	
Recipients:	<input type="text" value="maximum 255 digits, including the semi-colon!"/>	* Semi-colon can be used to separate multiple receivers.
<input type="checkbox"/> Send To Local SIM		
<input type="checkbox"/> By Duration:	Minimum Minutes: <input type="text" value="60"/> Maximum Minutes: <input type="text" value="1440"/>	
<input type="checkbox"/> By Consecutive Failed Calls	Failure Count: <input type="text" value="0"/>	
<input type="checkbox"/> By Consecutive Calls	Call Count: <input type="text" value="0"/>	
<input type="checkbox"/> By Call Duration	Call Duration: <input type="text" value="0"/> Minutes	
		<input type="button" value="Submit"/> <input type="button" value="Reset"/>

Recipients: Specify the recipients. Semi-colon can be used to separate multiple receivers.

Content: Specify the sms content.

Send To Local SIM: Enable this feature and set the local SIM's number, the inter port will send sms.

By Duration: Gateway will start sms sending by the device online time, and the time between minimum minutes and maximum minutes.

By Consecutive Failed Calls: Gateway will start sms sending by consecutive failed calls.

By Consecutive Calls: Gateway will start sms sending by consecutive calls.

By Call Duration: Gateway will start sms sending by call duration.

Send SMS		
请选择端口:	<input type="checkbox"/> 全部 <input type="checkbox"/> 01 <input type="checkbox"/> 02 <input type="checkbox"/> 03 <input type="checkbox"/> 04 <input type="checkbox"/> 05 <input type="checkbox"/> 06 <input type="checkbox"/> 07 <input type="checkbox"/> 08 <input type="checkbox"/> 09 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/> 13 <input type="checkbox"/> 14 <input type="checkbox"/> 15 <input type="checkbox"/> 16	
Receiver List:	<input type="text" value="10010"/>	* Semi-colon can be used to separate multiple receivers.
SMS Content:	<input type="text" value="Hi, it's a test SMS."/>	<input type="button" value="Send"/>
Successful SMS:	<input type="text" value="1"/> <input type="button" value="Clear"/>	
Failed SMS:	<input type="text" value="0"/> <input type="button" value="Clear"/>	

Select a single port or ALL ports to send single/bulk SMS.



▪ Automation

This section is being designed to be personate to avoid SIM blocking automatically. Even so, more information about local mobile operator, such as SIM blocking rule or law, then a safe schedule setting will be helpful and effective.

Scheduled Sending

Periodic Sending: Disable Enable

Minimum Period: * minutes

Maximum Period: * minutes

Recipients: * Semi-colon can be used to separate multiple receivers.

Content:

SMS Warning: ▼

SMS Receiver for Warning:

Some mobile operators detect SIM cards used only in calling without sending SMS, SIM's blocked.

SMS Warning: A SMS warn the gateway manager to check the SIMs when they are locked⑥.

⑥ locked: Not mobile operator blocking, it's the politic schedule to limit the SIM use time, use frequency to avoid blocking. **It doesn't mean this SIM can't be used anymore, just sleep temporarily.** [How to lock?](#)



Conditions for Locking Card

SIM Online Time Checking

Enable or Not: Enable

Drop Call: Enable * Drop the active call when online time expired.

Online Time: * Minutes

Locking Duration: * Seconds, 0 means no lock and -1 means forever.

Accumulated Call Duration Checking

Enable or Not: Enable

Accumulated Connected Calls Checking

Enable or Not: Enable

Accumulated Calls Checking

Enable or Not: Enable

Consecutive Failed Calls Checking

Enable or Not: Enable

Consecutive No-Alert Calls Checking

Enable or Not: Enable

Consecutive No-Answer Calls Checking

Enable or Not: Enable

Consecutive No Carrier Calls Checking

User can limit each SIM total call duration, OK calls amount, failed calls, no carrier calls, no ring calls, no answer calls and short duration calls. This option will help to improve the ASR, ACD.

Every condition takes effective, the current SIM will be locked, the next one in this channel is working@.

⑦ There are 4 SIMs **ABCD** in each channel. A locked, B works; B locked, C works; C locked, D works; D locked, A works and so on.



▪ Simpool Setting

Basic Settings

SIM Poll:	<input type="text" value="Enable"/>	
Use Local Policy:	<input type="text" value="Disable"/>	* If enabled, the policy of page <i>Lock/Switch Card</i> will be used.
Registration:	<input type="text" value="Enable"/>	* If connect directly to a SIM pool device, disable the registration.
Server Address:	<input type="text"/>	* Add ":port" to specify a special port.
Username:	<input type="text"/>	
Password:	<input type="text"/>	
Status:		

SIM Poll: When you enable it, cards on gateway will be disabled, it can just use these cards on SIM Pool.

Use Local Policy: If it is enabled, the policy of page Automation can be used in SIM Pool.

Registration: Enable: connect to SIM center. **Disable:** connect directly to SIM pool.

Server Address: SIM center or SIM pool address.

Username: The GOIP account in SIM center

Password: The password of GOIP account in SIM center.

Status: Show the gateway registration status.



▪ InterCall Setting

Port Inter-Calling

Port Inter-Calling Disabled Enabled

Min Call Duration: seconds

Max Call Duration: seconds

* If enabled, device will enable the feature by following conditions.
* seconds
* seconds

Conditions Settings

By Device Online Time: Enable
Min Interval: seconds
Max Interval: seconds

Consecutive Failed Calls: Enable
Failed Calls:

By Consecutive Calls: Enable
Consecutive Calls:

Total Call Durations: Enable
Call Durations: seconds

This panel allow SIMs in the gateway to call each other randomly. Consider that SIMs inside only call out all the time, so it's easy to be judged as an illegal use. When enable "Port Inter-Calling", every SIM can receive income call in period which is custom option in "Conditions Settings".

InterCall

Auto-Get LocNum: ▼

- Disabled
- USSD
- SMS

SIM phone numbers are needed when they are used to call or send SMS to each other.

- 1, Input SIM numbers for each channel manually.
- 2, Send USSD to get the SIM number automatically.
- 3, Send SMS to get the SIM number automatically..



InterCall -

Auto-Get LocNum:

Set LocNum Mannelly -

Port	A	B	C	D
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
8	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
n	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



▪ **Callback Setting**

Callback function, when you dial the SIM in gateway with mobile phone, it will hang up soon and send a call back to you, after you pick up the call, you can dial a VoIP extension or another phone number. If you want to use this function, please enable it and set the callback numbers.

Callback Settings		
Port	Enable	Callback Numbers (* means all, supports up to 32 numbers seperated by comma)
1	<input type="checkbox"/>	
2	<input type="checkbox"/>	
3	<input type="checkbox"/>	
4	<input type="checkbox"/>	
5	<input type="checkbox"/>	
6	<input type="checkbox"/>	
7	<input type="checkbox"/>	
8	<input type="checkbox"/>	
9	<input type="checkbox"/>	
10	<input type="checkbox"/>	
11	<input type="checkbox"/>	
12	<input type="checkbox"/>	
13	<input type="checkbox"/>	
14	<input type="checkbox"/>	
15	<input type="checkbox"/>	
16	<input type="checkbox"/>	
All	<input type="checkbox"/>	<input type="text"/>



▪ CallWait Setting

Call waiting is a feature supported by SIM carrier, when there is a second call dialing into this SIM card, there will be waiting tone instead of hang up. You can enable it when you need this feature.

Port	SIM Status	Enabled	Status
1		<input type="checkbox"/>	Deactivated
2		<input type="checkbox"/>	
3		<input type="checkbox"/>	
4		<input type="checkbox"/>	
5		<input type="checkbox"/>	
6		<input type="checkbox"/>	
7		<input type="checkbox"/>	
8		<input type="checkbox"/>	
9		<input type="checkbox"/>	
10		<input type="checkbox"/>	
11		<input type="checkbox"/>	
12		<input type="checkbox"/>	
13		<input type="checkbox"/>	
14		<input type="checkbox"/>	
15		<input type="checkbox"/>	
16		<input type="checkbox"/>	
All		<input type="checkbox"/>	



▪ Call Dur Setting

Call duration control is for users to control the SIM using time. And the data will not flush even you restart the device or pull off the SIM.

Call Duration Settings

Use Global Settings:	Enabled ▾	All Channels use the same call duration control.
Total Max Duration:	0 means no limit	Minutes
Daily Max Duration:	0 means no limit	Minutes, to use this feature, please <i>set the NTP server</i> .
Min Duration Unit:	60	Seconds
DropCall If Expired:	Enabled ▾	Drop the call if the MCD expired.

Use Global Setting: Enable: all channels use same call duration limitation. Disable: you can set different call duration limitation for single channel.

Total Max Duration: The value of limitation. After the call duration exceeds this value, the SIM will be locked by device. 0 means no limit.

Daily Max Duration: The value of limitation. After the daily call duration exceeds this value, the SIM will be locked by device. 0 means no limit.

Min Duration Unit: Operator charging time, when the call is over this time, operator will collect fees. For example: china mobile charge per minute, the min duration unit will be 60 seconds.

DropCall If Expired: Enabled: calls will be dropped after the SIM exceeds call duration time. Disabled: calls will not drop.

You can scan more details about the call duration control on the page below.

Once the SIM is used up, it will be locked by gateway. If you still want to use it, you need to click "Reset".

Call Duration Statistics

Data List

<input type="checkbox"/>	Port	Status	Total Duration	Remain Duration	Daily Duration	Daily Rem Dur.	Operations
<input type="checkbox"/>	1D	●	00:00:00	--:--	00:00:00	--:--	<input type="button" value="Reset"/>
<input type="checkbox"/>	2A						
<input type="checkbox"/>	3A						
<input type="checkbox"/>	4A						
<input type="checkbox"/>	5A						
<input type="checkbox"/>	6A						



▪ Auto Recharge

Basic Settings

Auto Recharge:

Server Address: * Add "port" to specify a special port.

Username:

Password:

Status:

Other Settings

Min Balance: * If balance reached to this value, the auto-recharge will be trigger.

Auto Recharge: Auto recharge will work when enable it.

Server Address: The auto recharge server address.

Username: It is created in ear system.

Password: It is created in ear system.

Status: Show the registration status.

Min Balance: If the balance is lower than the value, the ear system will do auto recharge.

Note: contact the chinaskyline tech support to install the recharge server .



▪ Status Notification

With this function, device will send state notification which includes registration status, SIM status and CDR to the server

Basic Settings

State Notification:

Server Address: * Add ":port" to specify a special port.

Username:

Password:

Registration Status:

State Notification: If it is enabled, device will send state notification to the server.

Server Address: The server which can get state notification.

Username: The device account in ein system.

Password: The password of account in ein system.

Registration Status: Show the registration status.

Note:contact chinaskyline tech Support to install ein system



❖ System Settings

▪ **Codec**

Voice Settings

Voice Codec Priority:

- G729
- G.723
- iLBC
- AMR
- PCMA
- PCMU

Up
Down

* Choose one coding, click "Up" or "Down" to adjust priority. The highest codec has the first priority.

Submit Reset

G729, G.723, G.711, iLBC and AMR are supported.

Voice Settings

Voice Volume:

Input Volume: 15 Output Volume: 15
DTMF Volume: 15

Dial Tone

High Frequency: 0 Low Frequency: 450
On Duration: 5000 Off Duration: 0

Ringback Tone

High Frequency: 0 Low Frequency: 450
On Duration: 1000 Off Duration: 4000

Busy Tone

High Frequency: 0 Low Frequency: 450
On Duration: 350 Off Duration: 350

Submit Reset

Option about voice include volume, ring type. We suggest users to keep them default when this parameters are not understood well.



▪ Network Debug

Start Ping on device up

Auto Ping: Disabled Enabled Submit Reset

Ping Manually

IP:

Package Size: * 56 bytes by default.

Package Count: * 4 by default. 0 means pinging all the time.

Result: Stop Ping

```
PING 110.34.227.60 (110.34.227.60): 56 data bytes
64 bytes from 110.34.227.60: seq=0 ttl=115 time=186.931 ms
64 bytes from 110.34.227.60: seq=1 ttl=115 time=186.621 ms
64 bytes from 110.34.227.60: seq=2 ttl=115 time=187.699 ms
```

A ping tool is easy to check the gateway network status. Especially when calls can't connect but every SIP parameters are correct, this tool will be helpful to find out problems.

▪ Log System

You can enable the specific progress module running logs to monitor the device working status, and set the log file size. Device will save 5 logs defaultly , 20 is the maximum of logs num that device can saved in memory.

You can back to System Setting>>File management page to download these log files.

Log File

Logfile Count: * The size of single logfile is 1MB.

Dying Msg Size: * The dying message(dyingmsg.log) size in KB.

GDB File Count:

Submit Cancel

Log Modules

<input type="checkbox"/> WIRELESS	<input type="checkbox"/> DSP	<input checked="" type="checkbox"/> POTS	<input checked="" type="checkbox"/> CCM	<input type="checkbox"/> SIP
<input type="checkbox"/> RC	<input type="checkbox"/> LED	<input type="checkbox"/> EBM	<input type="checkbox"/> ESP	<input type="checkbox"/> SIP Message

Submit Cancel



▪ File Management

File List					
Seq.	Filename	Modification Time	Type	Size	Operations
1	messages.log	2015-08-05 06:46:07	log	39873	<input type="button" value="Delete"/> <input type="button" value="Export"/>

Administrator can export the system info to debug device.

▪ User & Device

User List				
Data Detail				
Data Status:	Account:	Password	Privilege:	
<input type="button" value="Add"/> ▼	<input type="text" value="test"/>	<input type="password" value="....."/>	<input type="button" value="User"/> ▼	<input type="button" value="Submit"/>
Data List				<input type="button" value="Add New"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	Account	Privilege	Operation	
	root	Admin	[Edit]	

Support different Account level to log into this gateway management web page.

Device Settings	
Device Alias:	<input type="text"/>
Time Zone:	<input type="text" value="+8"/>
Auto Reboot:	<input type="text" value="0"/> * After running specified times(hours)
Scheduled Reboot:	<input type="button" value="01:00"/> ▼
<input type="button" value="Submit"/> <input type="button" value="Reset"/>	

Device Alisa: Give this gateway a new name.

Time Zone: Set device time to different location.

Auto reboot at specified time is supported. Set the reboot in option "Scheduled Reboot".



GoIP User Manual

Remote Management

Enable ERM: disabled enabled

ERM Server IP:

ERM Server Port:

Account:

Password:

Status:

No account? [Register now!](#)

Most of the time, GoIP gateways don't have public static IP, so can't be logged into in other network. But if there is a server, ERM remote software installed in, remote access will be possible. **Contact SKYLINE tech support to install this ERM remote software in your server.**

▪ Update & Restore

Import File

File Type:

File Name:

Export Configuration

Click 'Export' button to export the configuration.

Restore To Factory

Click 'Restore' button will restore system to factory settings.

Import upgrade firmware, configuration files in "Import File".

Save your configuration setting and export it, then restore in "Import File" option.

Restore to factory will remove all your current settings and set to factory default.

This reset won't remove IP parameters, after this action, user can log into the web page with input the old IP. [How to reset IP with restore to factory default?](#)



▪ **Module Update**

On this page, you can update the GSM/CDMA/WCDMA module software for every channel.

Module Upgrading

<input type="checkbox"/> Port	Type	Version	State	Progress	Description
<input type="checkbox"/> 01	M10				
<input type="checkbox"/> 02	M10				
<input type="checkbox"/> 03	M10				
<input type="checkbox"/> 04	M10				
<input type="checkbox"/> 05	M10				
<input type="checkbox"/> 06	M10				
<input type="checkbox"/> 07	M10				
<input type="checkbox"/> 08	M10				
<input type="checkbox"/> 09	M10				
<input type="checkbox"/> 10	M10				
<input type="checkbox"/> 11	M10				
<input type="checkbox"/> 12	M10				
<input type="checkbox"/> 13	M10				
<input type="checkbox"/> 14	M10				
<input type="checkbox"/> 15	M10				
<input type="checkbox"/> 16	M10				

Port Select File:

▪ **Save & Reboot**

Operations

Select Operation:

Save settings and reboot.



GoIP User Manual

▪ Initialization

Initial Setting page is used to be easy starting for gateway user at the first time. When SIP info are empty, this welcome page show in the browser when user log into it, otherwise, "System Status" is the default page. [How to set this page?](#)