

# UC2000 Basic Configuration Practice Guide

Dinstar Corporation



- This document is used to introduce the basic functions of UC2000, application scenarios, basic configuration, basic maintenance.

# Course Objective

Through this course  
you will be able to



Understanding UC2000  
models and interfaces



Understand the principle  
and scenarios of UC2000



Understanding the basic  
configuration of UC2000

# Contents

- 1 Web Access to UC2000
- 2 UC2000 Basic Configuration
- 3 UC2000 Basic Maintenance

# Chapter One Course Introduce

01

 1.1 Dinstar UC2000 Hardware Interface Description

 1.2 UC2000 Interface Connection Cases

 1.3 Introduction to UC2000 Login Page

# 1.1 Dinstar UC2000 Hardware Interface Description



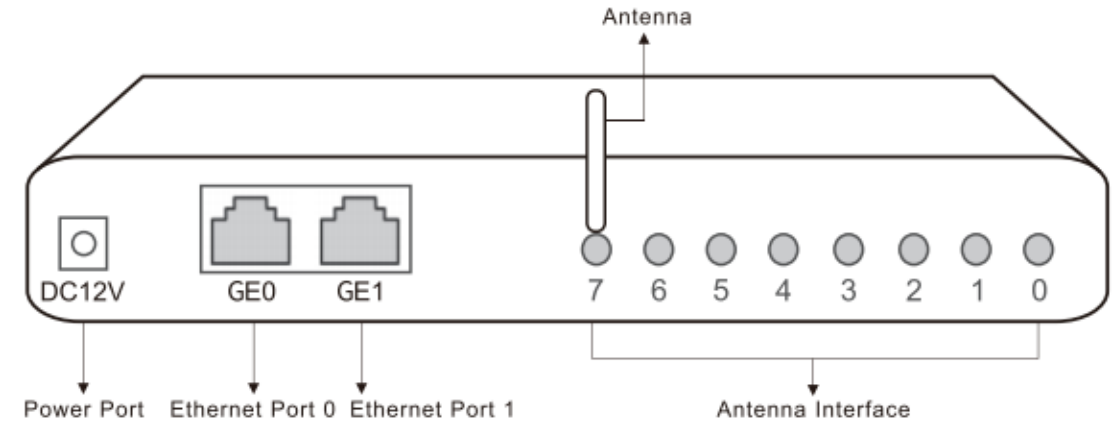
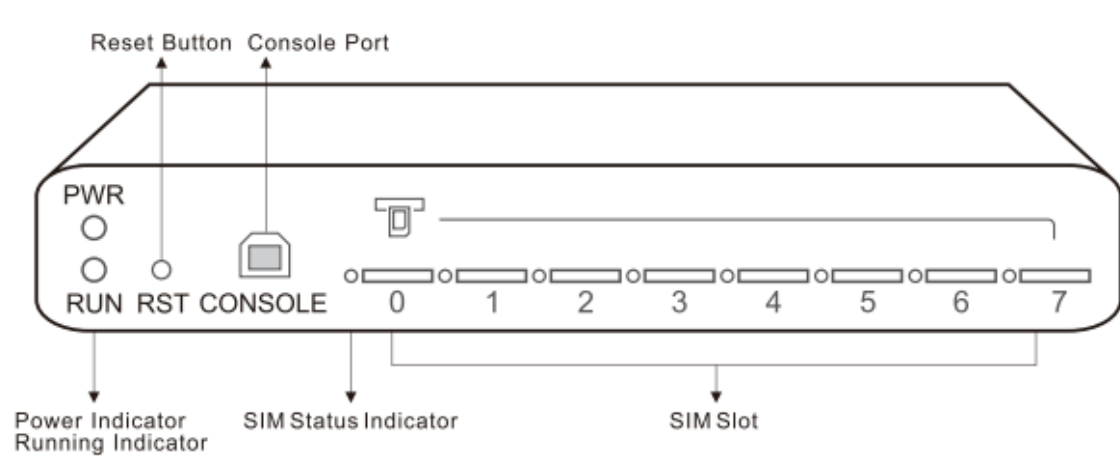
## 1. UC2000 Series Technical Specifications

	Network Port	Model
UC2000-VE	GE0/1	4/8 G/T
UC2000-VF	GE0/1	8/16 G/T Multi-SIM
UC2000-VG	GE0/1	16/32 G/T Multi-SIM

# 1.1 Dinstar UC2000 Hardware Interface Description

## 2. Indicators and Ports(UC2000-VE)

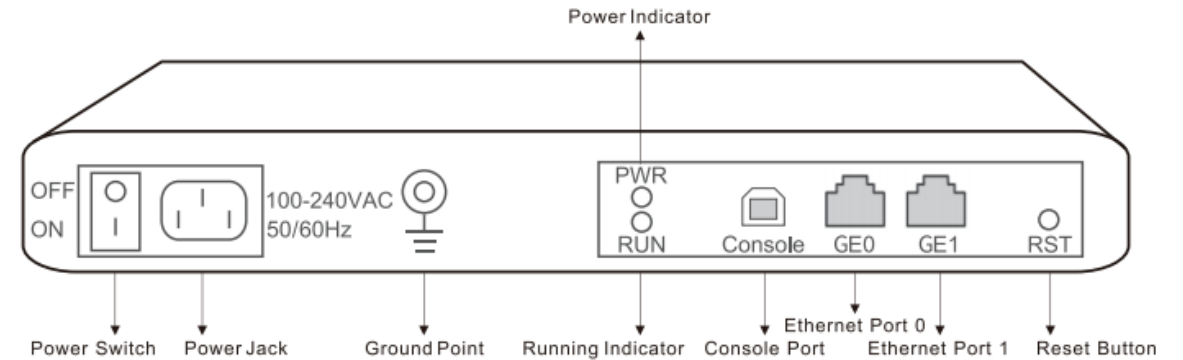
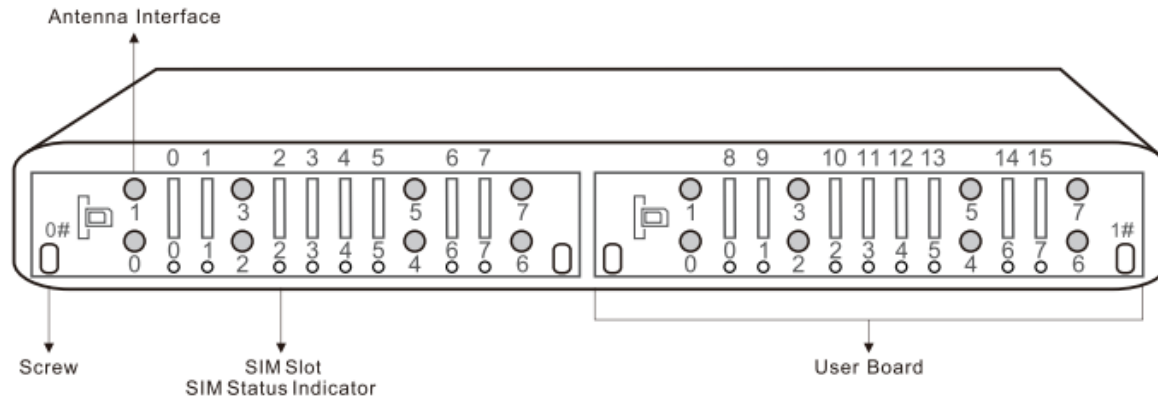
### ► UC2000-VE



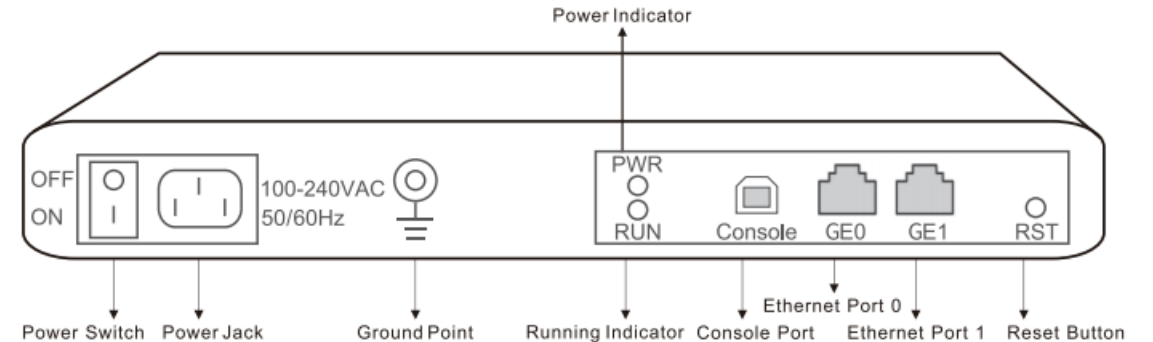
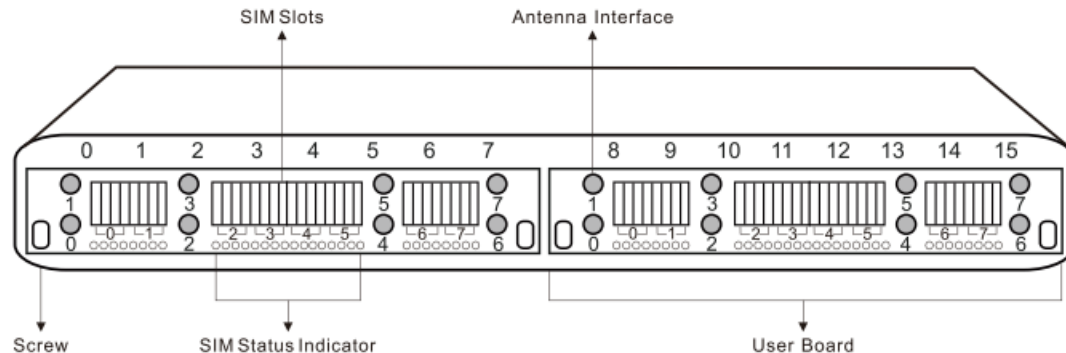
# 1.1 Dinstar UC2000 Hardware Interface Description

## 3. Indicators and Ports(UC2000-VF)

### ► UC2000-VF



### ► UC2000-VF(Multi-SIM)

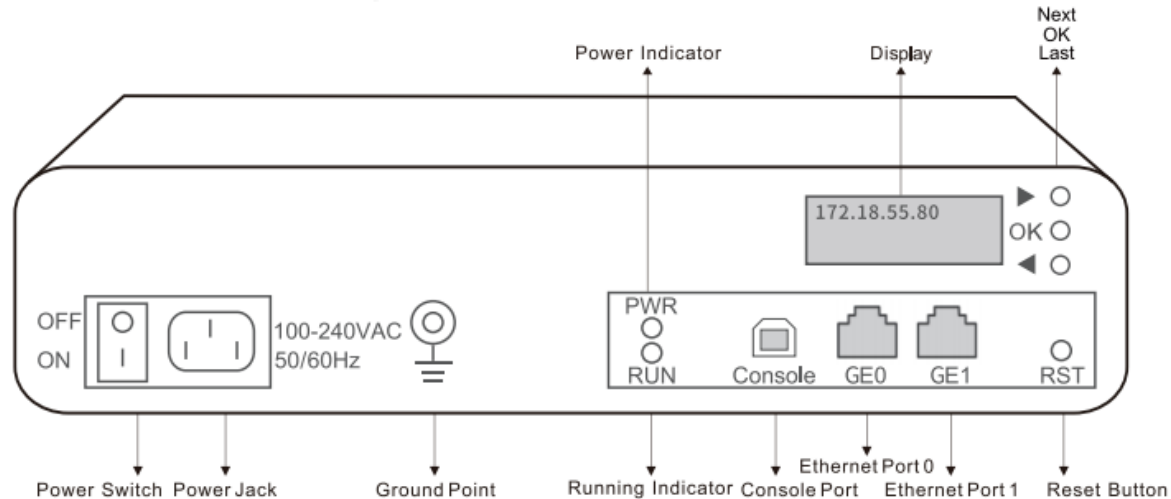
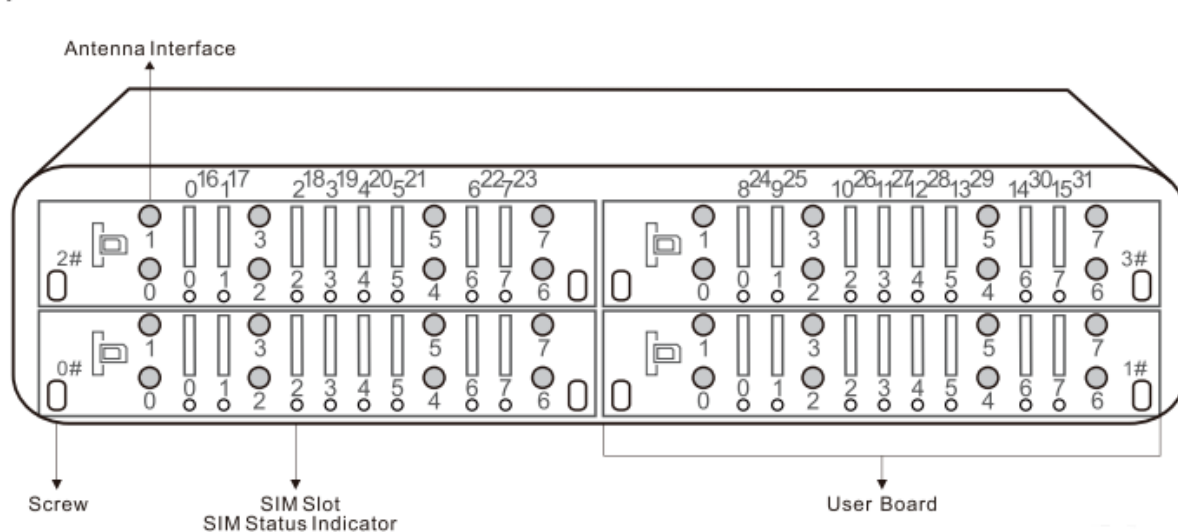




# 1.1 Dinstar UC2000 Hardware Interface Description

## 4. Indicators and Ports(UC2000-VG)

### ► UC2000-VG

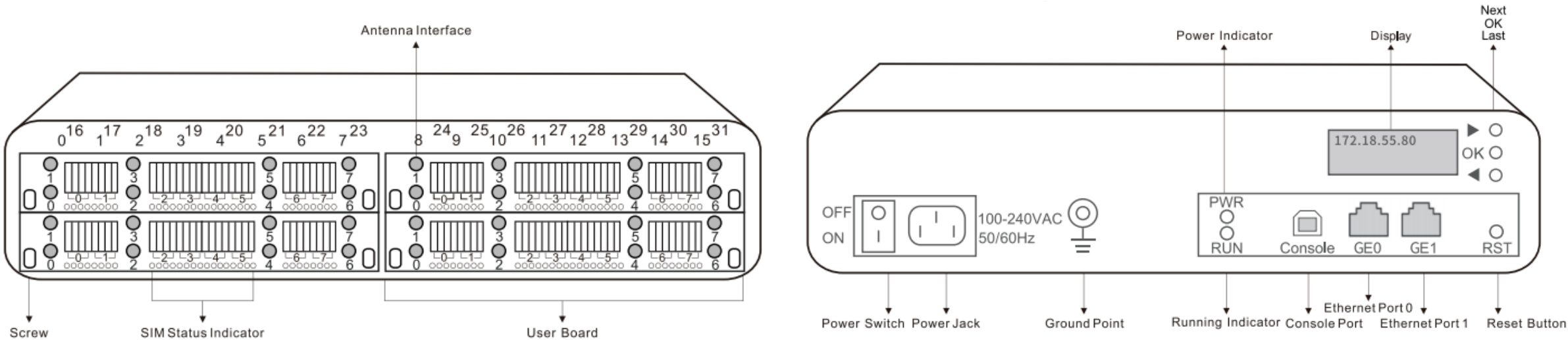


# 1.1 Dinstar UC2000 Hardware Interface Description



## 5. Indicators and Ports(UC2000-VG Multi-SIM)

► UC2000-VG(Multi-SIM)



## 1.2 UC2000 Interface Connection Cases

### 1. Installation Attentions

- UC2000-VE is equipped with 12V DC power adapter,while UC2000-VF,UC2000-VG and UC2000-VH accept AC input voltage of 100-240V.Please ensure safe and stable power supply.
- Before you put the gateway into use,please ensure SIM card has been inserted into the gateway,antennas are well-connected to the gateway and network connection is proper.
- To avoid poor signal strength,please place the gateway away from those objects that can shield signals.
- Please prevent water from seeping in the gateway during transportation,storage or working time.
- It's highly advised to horizontally place the gateway on a flat surface or a cabinet.

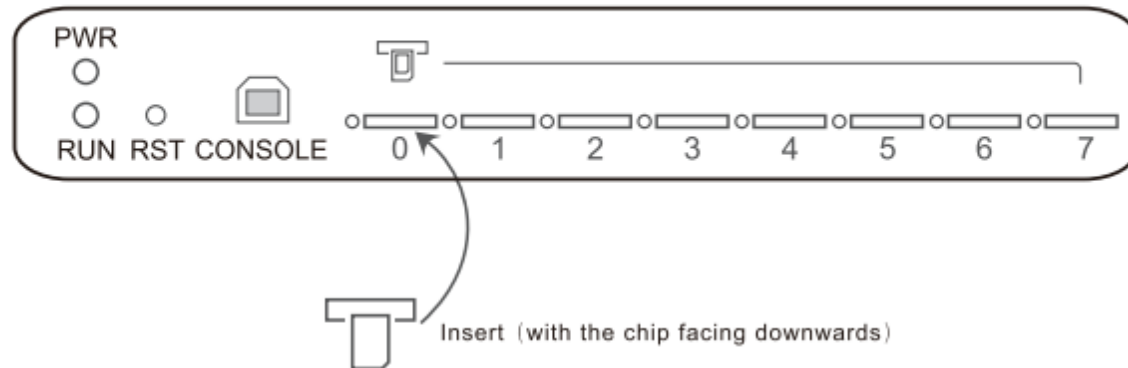
# 1.2 UC2000 Interface Connection Cases

## 2. Installation Instructions

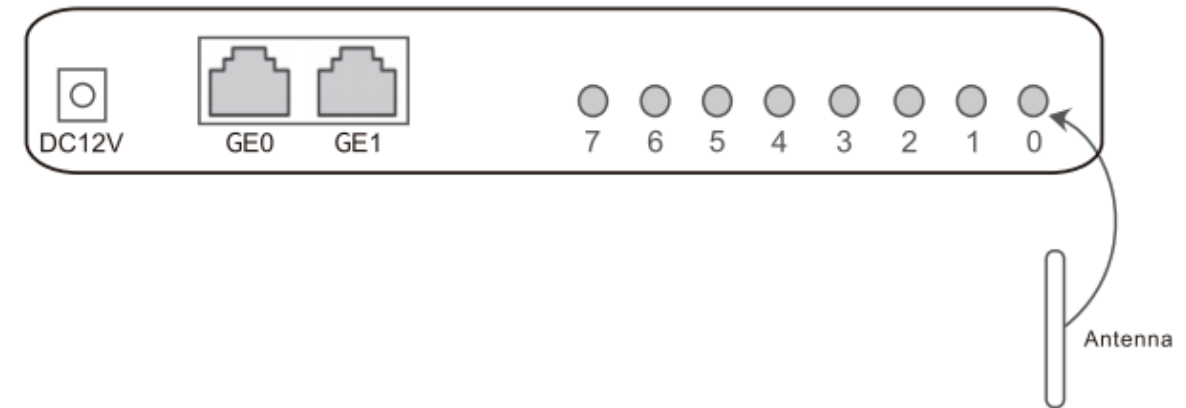
Here we use the UC2000-VE connection as a case study.

### ► Connection Diagram for UC2000-VE

- Insert SIM Card into Gateway



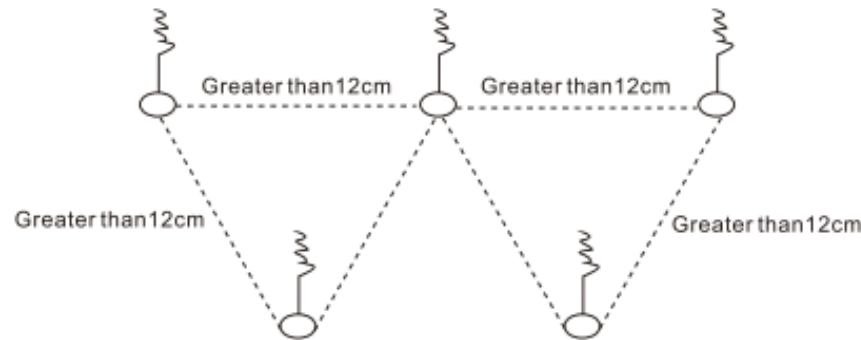
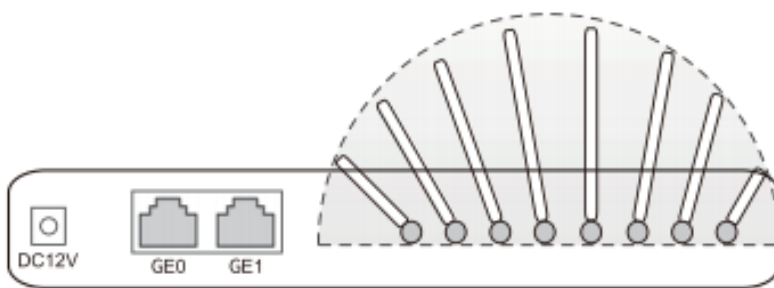
- Connect Antennas to Gateway



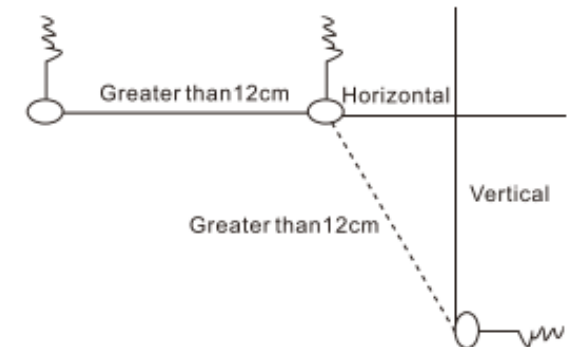
## 1.2 UC2000 Interface Connection Cases

### 3. Antenna Installation Tips

- It's highly suggested that antennas of UC2000-VE be placed into a fan shape as shown in the following figure, so as to strengthen wireless signal.
- When you install antennas to UC2000-VF, UC2000-VG and UC2000-VH, please note that the distance of every two antennas should be greater than 12cm.



▲ Antennas are placed on a same surface



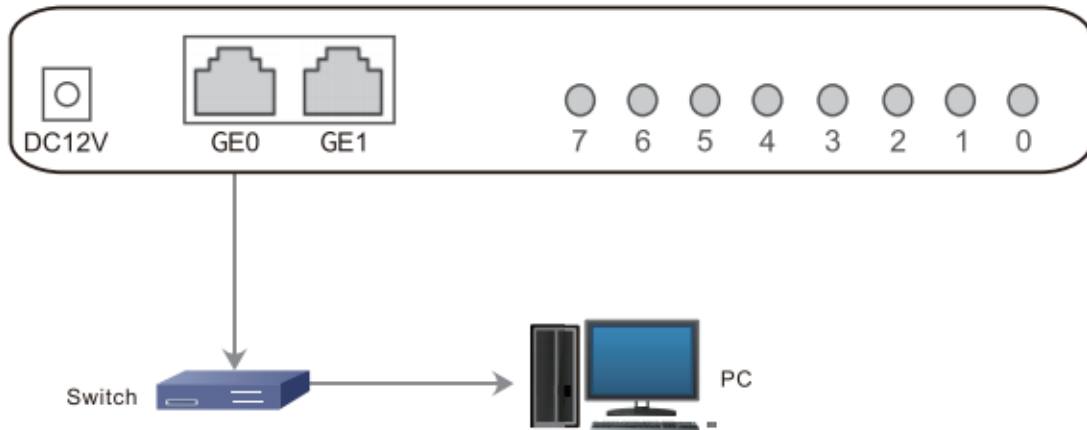
▲ Antennas are placed on different surfaces

## 1.2 UC2000 Interface Connection Cases

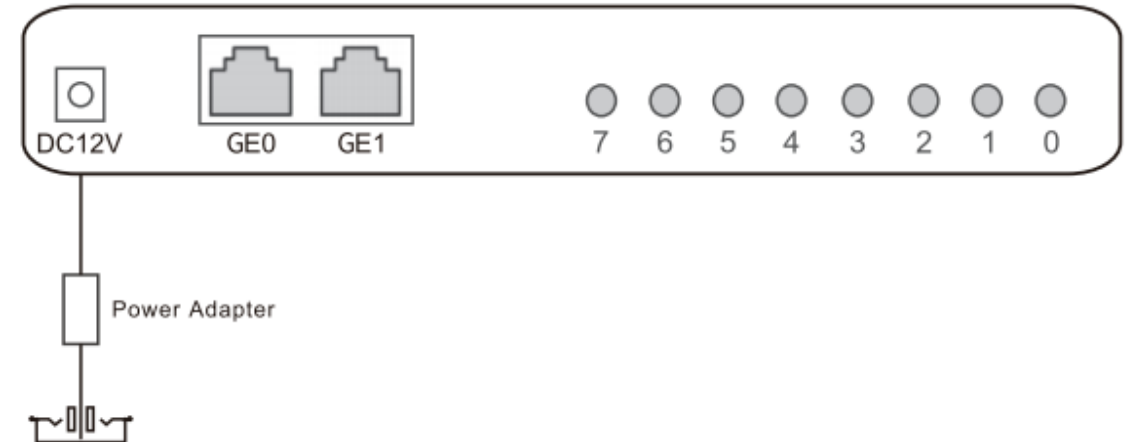
### 4. Connect to the network port and power supply of the UC2000-VE

- The default IP addresses of the UC2000's series management port are all 192.168.11.1. so set the PC's IP to 192.168.11.x, e.g. 192.168.11.3.
- UC2000-VE is equipped with 12V DC power adapter.

#### • Connect Gateway to Network



#### • Connect DC Power Adapter to Power Port of Gateway



## 1.3 Introduction to UC2000 Login Page

### 1. Log in Web Interface

- Web access to the default IP 192.168.11.1 of the UC2000 using HTTP/HTTPS.
- Default username: admin password: admin



The image shows a web login interface titled "User Login". It contains two input fields: "UserName" and "Password", both with empty text boxes. Below these fields is a blue "Login" button.

**User Login**

UserName

Password

Login

# 1.3 Introduction to UC2000 Login Page

## 2. Web view system information

- Information & Statistics

• System Information

• Mobile Information

• SIP Information

• TCP/UDP

• RTP

• SIP Call History

• IP to GSM Call History

• CDR Report

• Lock BCCH Report

• Current Call Status

• DBO State

• GSM Event

+ Quick Setup Wizard

+ Network Configuration

+ Mobile Configuration

+ SMS and USSD

+ Call Configuration

+ Advanced

+ Diagnostic

+ Tools

The default password has not been changed!  
Please change the password to protect your device!

Run Information

MAC Address	F8-A0-3D-49-15-37		
Network	172.27.10.66	255.255.0.0	Static
DNS Server	8.8.8.8	0.0.0.0	
Device SN	db51-0120-2036-0004		
Hardware ID	b818-4739-2737		
Cloud Register Status	Not Registered		
License	Basic Function	Enable	
	Valid Port	8	
System Up Duration	2 h 51 m 46 s		
System Time	2025-5-05 12:16:31		
Network Traffic Statistics	Received 7705216 Bytes	Sent 2445547 Bytes	
Version Information	Device Model	UC2000-VE Business	
	Package Version	04240221 2025-02-21 16:59:11 official	
	Software Version	04240221 2025-02-21 16:58:15	
	Web Version	04240221	
	Hardware Version	PCB 3	
	Logic Version	LOGIC 2	
	Boot Version	23	
	Kernel Version	38	
	DSP Version	ARM_32_10 Aug 26 2019 16:21:07	
	Userboard 0 Version	B3.11.19.11L4	

Refresh



# Contents

- 1 Web Access to UC2000
- 2 UC2000 Basic Configuration
- 3 UC2000 Basic Maintenance

# Chapter Two Course Introduce

02



2.1 Setting up network information



2.2 Setting SIP calls



2.3 Setting SMS/USSD

## 2.1 Setting up network information

### 1. Setting Up Network Configuration

After visiting a web page, it is recommended to set the network information first. Support DHCP mode and static IP mode



Local Network

Network Configuration

③ ☐ Obtain IP address automatically

Temporary IP address 192.168.11.1

Temporary Subnet Mask 255.255.255.0

④ ☒ Use the following IP address

IP Address 172.27.10.66

Subnet Mask 255.255.0.0

Default Gateway 172.27.1.1

☐ PPPoE

Account

Password

Service Name

MTU 1400

DNS Server

☐ Obtain DNS server address automatically

☒ Use the following DNS server addresses

Primary DNS Server 8.8.8.8

Secondary DNS Server 0.0.0.0

Note: If you don't check "Take Effect Immediately", you need to restart the device to take effect.

☐ Take Effect Immediately

Save

## 2.2 Setting SIP calls

### 1. SIP Trunk mode

#### ① Set SIP trunk to UC2000

The SIP Trunk mode is designed to connect via SIP trunk between the UC2000 and the UC2000 with other clients/applications or IPPBX/softswitch on the same or different network segments via SIP trunks without registering to the server side.

The screenshot displays the DINSTAR Web Management System interface. On the left is a navigation menu with the following items: Information & Statistics, Quick Setup Wizard, Network Configuration, Mobile Configuration, SMS and USSD, Call Configuration (marked with a red circle ①), SIP Configuration, SIP Trunk Configuration (marked with a red circle ②), SIP Trunk Group Configuration, Port Configuration, Port Group Configuration, Digit Map, IP->Tel Routing, Tel->IP Routing, Tel->IP Caller Manipulation, Service Parameter, Media Parameter, DBO Parameter, Advanced, Diagnostic, and Tools. The main content area is titled 'Web Management System' and shows the 'SIP Trunk Add' configuration form. This form contains the following fields: Index (a dropdown menu set to 31), IP (172.27.0.200), Port (5060), Description (IPPBX), and KeepAlive Enable (an unchecked checkbox). Red boxes and circled numbers highlight specific parts: a red box around the 'Call Configuration' menu item (①), a red box around the 'SIP Trunk Configuration' menu item (②), a red box around the 'IP' field (③), and a red box around the 'KeepAlive Enable' checkbox (④). At the bottom of the form are three buttons: OK, Reset, and Cancel.

SIP Trunk Add	
Index	31
IP	172.27.0.200
Port	5060
Description	IPPBX
KeepAlive Enable	<input type="checkbox"/>

OK Reset Cancel

## 2.2 Setting SIP calls

### 1. SIP Trunk mode

#### ② Set Outbound Call in UC2000(A route to all ports or some ports)

The screenshot displays the DINSTAR web interface for configuring SIP calls. On the left, a navigation menu lists various configuration options, with 'Call Configuration' and 'IP->Tel Routing' highlighted. The main area shows the 'IP->Tel Routing Modify' form. The form includes fields for 'Index' (60), 'Description' (UC-UC2000), 'Source' (sip-trunk-31 <IPPBX>), 'Destination' (port-group-0 <default>), and 'Call Restriction' (Allow Call). Red boxes and numbers 1, 2, 3, and 4 highlight specific elements: 1 for 'Call Configuration', 2 for 'IP->Tel Routing', 3 for the 'Description' field, and 4 for the 'Source' and 'Destination' dropdowns. Below the form, a note states: '1.\$ {caller} can be used in the "Prefix to Add" and "Suffix to Add" settings, and the call Notes: replacement number will be replaced with the calling number of the current call in the same location.' At the bottom, there are 'Save', 'Reset', and 'Cancel' buttons.

1. \$ {caller} can be used in the "Prefix to Add" and "Suffix to Add" settings, and the call Notes: replacement number will be replaced with the calling number of the current call in the same location.

Save Reset Cancel

## 2.2 Setting SIP calls

### 1. SIP Trunk mode

### ③ Set Port Group Configuration in Outbound Call

**Port Group Modify**

Index: 0  
Description: default  
SIP User ID:   
Authenticate ID:   
Authenticate Password:    
To VOIP Hotline:   
To PSTN Hotline:   
Register to: No Register  
Select Mode: Cyclic Ascending

③ Port

<input checked="" type="checkbox"/> Port 0	<input checked="" type="checkbox"/> Port 1	<input checked="" type="checkbox"/> Port 2	<input checked="" type="checkbox"/> Port 3
<input checked="" type="checkbox"/> Port 4	<input checked="" type="checkbox"/> Port 5	<input checked="" type="checkbox"/> Port 6	<input checked="" type="checkbox"/> Port 7

## 2.2 Setting SIP calls

### 1. SIP Trunk mode

#### ④ Set Outbound Call in UC2000(A route to a specific port)

If you want to specific call with specific port, like P2P. You can match the prefix of caller number and map the call to target port.

- + Information & Statistics
- + Quick Setup Wizard
- + Network Configuration
- + Mobile Configuration
- + SMS and USSD
- Call Configuration ①
  - SIP Configuration
  - SIP Trunk Configuration
  - SIP Trunk Group Configuration
  - Port Configuration
  - Port Group Configuration
  - Dinit Map
  - IP->Tel Routing ②
    - Tel->IP Routing
    - Tel->IP Caller Manipulation
    - Service Parameter
    - Media Parameter
    - DBO Parameter
- + Advanced
- + Diagnostic
- + Tools

IP->Tel Routing Add

Operation

Single ☒ Batch ☐

③

Index

59

Description

default

④

Source

sip-trunk-31 <IPPBX>

Destination

port-0

Call Restriction

Allow Call

⑤

Advanced Rules

Source Prefix

8000

Destination Prefix

Prefix to Add

Suffix to Add

Digits to be Deleted

Number of Digits Reserved

1.\$ {caller} can be used in the "Prefix to Add" and "Suffix to Add" settings, and the call  
Notes: replacement number will be replaced with the calling number of the current call in the same  
location.

Save

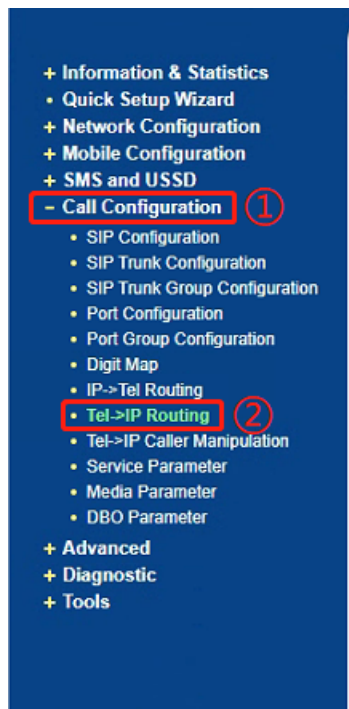
Reset

Cancel

## 2.2 Setting SIP calls

### 1. SIP Trunk mode

#### ⑤ Set Inbound Call to UC2000



A screenshot of the 'Tel->IP Routing Modify' configuration window. The window contains the following fields and options:

- Index: 63
- Description: default
- Source: port-group-0 <default> (highlighted with a red box and a red circle 3)
- Destination: sip-trunk-31 <IPPBX> (highlighted with a red box and a red circle 3)
- Call Restriction: Allow Call
- Advanced Rules section with the following fields:
  - Source Prefix
  - Destination Prefix
  - Prefix to Add
  - Suffix to Add
  - Digits to be Deleted
  - Number of Digits Reserved

At the bottom of the window are three buttons: Save, Reset, and Cancel.



## 2.2 Setting SIP calls

### 1. SIP Trunk mode

#### ⑥ Set VoIP Hotline number on Port Group Configuration

All channels use same hotline number



A screenshot of the 'Port Group Modify' configuration window. The window contains several fields: Index (0), Description (default), SIP User ID, Authenticate ID, Authenticate Password (with a 'Show Password' button), To VOIP Hotline (8000, highlighted with a red box and a red circle ③), To PSTN Hotline, Register to (No Register), and Select Mode (Cyclic Ascending). At the bottom, there are checkboxes for Port 0 through Port 7, all of which are checked. At the bottom right, there are buttons for OK, Reset, and Cancel.

## 2.2 Setting SIP calls

### 1. SIP Trunk mode

#### ⑦ Set VoIP Hotline number on port or port group configuration

different channels use different hotline Number

- + Information & Statistics
- + Quick Setup Wizard
- + Network Configuration
- + Mobile Configuration
- + SMS and USSD
- Call Configuration ①**
  - SIP Configuration
  - SIP Trunk Configuration
  - SIP Trunk Group Configuration
  - Port Configuration ②**
  - Port Group Configuration
  - Digit Map
  - IP->Tel Routing
  - Tel->IP Routing
  - Tel->IP Caller Manipulation
  - Service Parameter
  - Media Parameter
  - DBO Parameter
- + Advanced
- + Diagnostic
- + Tools

Port List											
	Port	SIP User ID	Authenticate ID	Authenticate Password	Local SIP Port	Register to	Tx Gain	Rx Gain	To VOIP Hotline	To PSTN Hotline	
③	<input checked="" type="checkbox"/>	0	<input type="text"/>	<input type="text"/>	<input type="text"/>	No Register ▼	+2dB ▼	+6dB ▼	④ 8000	<input type="text"/>	
	<input checked="" type="checkbox"/>	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	No Register ▼	+2dB ▼	+6dB ▼	8001	<input type="text"/>	
	<input checked="" type="checkbox"/>	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	No Register ▼	+2dB ▼	+6dB ▼	8002	<input type="text"/>	
	<input checked="" type="checkbox"/>	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	No Register ▼	+2dB ▼	+6dB ▼	8003	<input type="text"/>	
	<input checked="" type="checkbox"/>	4	<input type="text"/>	<input type="text"/>	<input type="text"/>	No Register ▼	+2dB ▼	+6dB ▼	8004	<input type="text"/>	
	<input checked="" type="checkbox"/>	5	<input type="text"/>	<input type="text"/>	<input type="text"/>	No Register ▼	+2dB ▼	+6dB ▼	8005	<input type="text"/>	
	<input checked="" type="checkbox"/>	6	<input type="text"/>	<input type="text"/>	<input type="text"/>	No Register ▼	+2dB ▼	+6dB ▼	8006	<input type="text"/>	
	<input checked="" type="checkbox"/>	7	<input type="text"/>	<input type="text"/>	<input type="text"/>	No Register ▼	+2dB ▼	+6dB ▼	8007	<input type="text"/>	
	<input checked="" type="checkbox"/>	All	1 <input type="text"/> Increment	1 <input type="text"/> Increment	0 <input type="text"/> Increment	1 <input type="text"/> Increment	copy	copy	copy	1 <input type="text"/> copy	1 <input type="text"/> copy
			<input type="text"/>	<input type="text"/>	<input type="text"/>	No Register ▼	+2dB ▼	+6dB ▼	<input type="text"/>	<input type="text"/>	

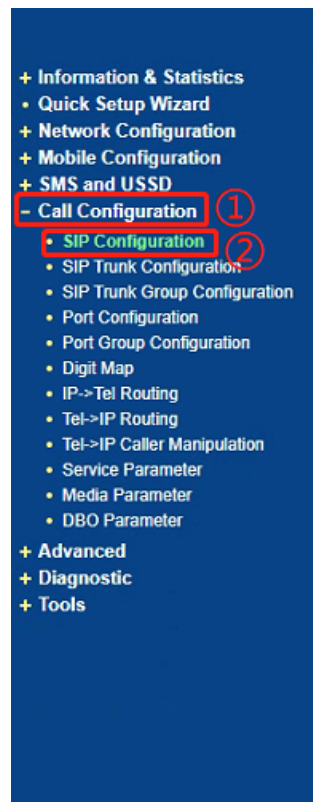
Save

## 2.2 Setting SIP calls

### 2. Register mode

#### ① Set SIP Configuration

In some cases, the UC2000 will use registration mode. For example, the UC2000 gateway is a private IP and the sip server is public IP. The UC2000 should register to the sip server. So that the SIP server is easy to send calls to UC2000



#### SIP Configuration

**SIP Proxy**

③ SIP Server Address

SIP Server Port(default: 5060)

Check Net Status ☒ No ☐ Yes

**Outbound Proxy**

Outbound Proxy Address

Outbound Proxy Port

**All Ports Register Used Same User ID**

Use Same Local Udp Port ☐ No ☒ Yes

Use Random Port ☒ No ☐ Yes

④ Local SIP Port

**Transport**

**GSM SIP state binding** ☒ No ☐ Yes

**Auto SIP Account** ☒ No ☐ Yes

**Auto IP->TEL Route** ☒ No ☐ Yes

Register Interval(range: 1 - 3600s)  s

DNS query type

DNS refresh interval (range:0 - 60,000min, 0 means disable)  min

T1  ms

T2  ms

T4  ms

TMAX  ms

## 2.2 Setting SIP calls

### 2. Register mode

#### ② Set multiple SIP Servers Configuration

If you want to use multiple sip servers at the same time, you can add a sip trunk.

The screenshot displays the DINSTAR Web Management System interface. On the left is a navigation menu with the following items: Information & Statistics, Quick Setup Wizard, Network Configuration, Mobile Configuration, SMS and USSD, Call Configuration (marked with a red circle 1), SIP Configuration, SIP Trunk Configuration (marked with a red circle 2), SIP Trunk Group Configuration, Port Configuration, Port Group Configuration, Digit Map, IP->Tel Routing, Tel->IP Routing, Tel->IP Caller Manipulation, Service Parameter, Media Parameter, DBO Parameter, Advanced, Diagnostic, and Tools. The main content area shows a 'SIP Trunk Add' dialog box. This dialog box contains the following fields: Index (a dropdown menu showing '31'), IP (a text field with '172.27.0.200'), Port (a text field with '5060'), Description (a text field with 'IPPBX'), and KeepAlive Enable (a checkbox). The IP, Port, and Description fields are grouped by a red box and labeled with a red circle 3. The KeepAlive Enable checkbox is labeled with a red circle 4. At the bottom of the dialog box are three buttons: OK, Reset, and Cancel.

**DINSTAR Web Management System**

- + Information & Statistics
- Quick Setup Wizard
- + Network Configuration
- + Mobile Configuration
- + SMS and USSD
- **Call Configuration** ①
  - SIP Configuration
  - **SIP Trunk Configuration** ②
  - SIP Trunk Group Configuration
  - Port Configuration
  - Port Group Configuration
  - Digit Map
  - IP->Tel Routing
  - Tel->IP Routing
  - Tel->IP Caller Manipulation
  - Service Parameter
  - Media Parameter
  - DBO Parameter
- + Advanced
- + Diagnostic
- + Tools

**SIP Trunk Add**

Index	31
IP	172.27.0.200
Port	5060
Description	IPPBX
KeepAlive Enable	<input type="checkbox"/>

OK Reset Cancel

## 2.2 Setting SIP calls

### 2. Register mode

#### ③ Set Port Group (Whole device use one sip account)



A screenshot of the 'Port Group Modify' configuration window. The window has a blue header and a light gray body. The following fields and options are highlighted with red boxes and circled numbers: 'SIP User ID', 'Authenticate ID', and 'Authenticate Password' are grouped by a red box with a circled 3; 'Register to' is set to 'Sip Proxy' and is circled with a red 4; 'Select Mode' is set to 'Cyclic Ascending'; and the 'Port' section, which contains checkboxes for Port 0 through Port 7, is circled with a red 5.

Index	0
Description	default
SIP User ID	
Authenticate ID	
Authenticate Password	
To VOIP Hotline	
To PSTN Hotline	
Register to	Sip Proxy
Select Mode	Cyclic Ascending
Port	<input checked="" type="checkbox"/> Port 0 <input checked="" type="checkbox"/> Port 1 <input checked="" type="checkbox"/> Port 2 <input checked="" type="checkbox"/> Port 3 <input checked="" type="checkbox"/> Port 4 <input checked="" type="checkbox"/> Port 5 <input checked="" type="checkbox"/> Port 6 <input checked="" type="checkbox"/> Port 7

Buttons: OK, Reset, Cancel

## 2.2 Setting SIP calls

### 2. Register mode

#### ④ Set Port Group (Split devices use several sip accounts)

If you want to split the device ports registered to two different sip servers, you can add two port groups and one port group choose register to SIP Proxy and the other register to the sip trunk.



**Port Group Modify**

Index	0
Description	default
SIP User ID	
Authenticate ID	
Authenticate Password	<input type="password"/> Show Password
To VOIP Hotline	
To PSTN Hotline	
Register to	Sip Proxy
Select Mode	Cyclic Ascending
Port	<input checked="" type="checkbox"/> Port 0 <input checked="" type="checkbox"/> Port 1 <input checked="" type="checkbox"/> Port 2 <input checked="" type="checkbox"/> Port 3 <input checked="" type="checkbox"/> Port 4 <input checked="" type="checkbox"/> Port 5 <input checked="" type="checkbox"/> Port 6 <input checked="" type="checkbox"/> Port 7

OK Reset Cancel

## 2.2 Setting SIP calls

### 2. Register mode

#### ⑤ Check the register status

- Information & Statistics
  - System Information
  - Mobile Information
  - SIP Information
  - TCP/UDP
  - RTP
  - SIP Call History
  - IP to GSM Call History
  - CDR Report
  - Lock BCCH Report
  - Current Call Status
  - DBO State
  - GSM Event
- + Quick Setup Wizard
- + Network Configuration
- + Mobile Configuration
- + SMS and USSD
- + Call Configuration
- + Advanced
- + Diagnostic
- + Tools

SIP Information							
Port	SIP User ID	Register Status		Port	SIP User ID	Register Status	
0		Unregistered		1		Unregistered	
2		Unregistered		3		Unregistered	
4		Unregistered		5		Unregistered	
6		Unregistered		7		Unregistered	
Port Group	SIP User ID	Register Status	Port List	Port Group	SIP User ID	Register Status	Port List
0		Unregistered	0,1,2,3,4,5,6,7,	61		Unregistered	4,5,6,
63		Unregistered	0,1,2,				

Refresh

## 2.2 Setting SIP calls

### 2. Register mode

#### ⑥ Set Outbound/Inbound Route in UC2000

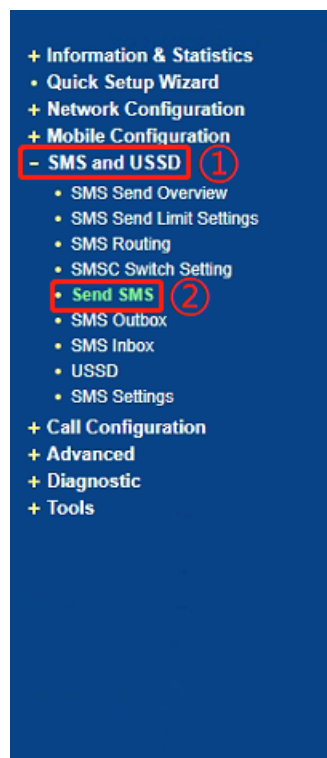
The steps are the same as those for setting up inbound and outbound routes for SIP trunks.



## 2.3 Setting SMS/USSD

### 3. Send SMS

#### ① Local send SMS



Send Message

Port: 0 1 2 3 4 5 6 7

☒ All

☒ Mode 1 ☐ Mode 2

Send Mode To: Choose File No file chosen

Encoding: UCS2

Message:

NOTE: 1. Length of "Message" should be no more than 300 characters.  
2. Length of "Message" should be no more than 70 characters when the message is sent through CDMA.  
3. Mode 1: Choose one or more port(s) to send the same SMS to one number;  
Mode 2: Choose one or more port(s) to send the same SMS to different numbers  
(the numbers should not be no more than 200 and each number uses one port).

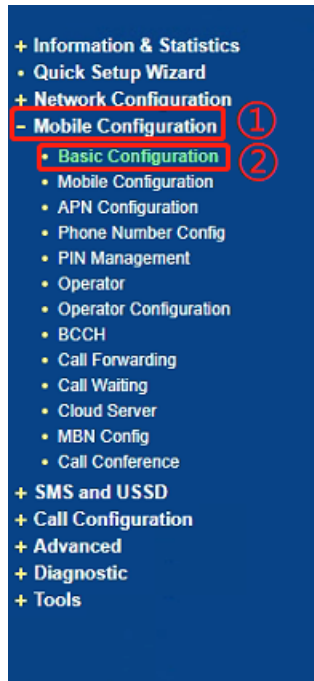
Send Stop

Port	Destination Number	Result
------	--------------------	--------

## 2.3 Setting SMS/USSD

### 3. Send SMS

#### ② Send SMS via HTTP API

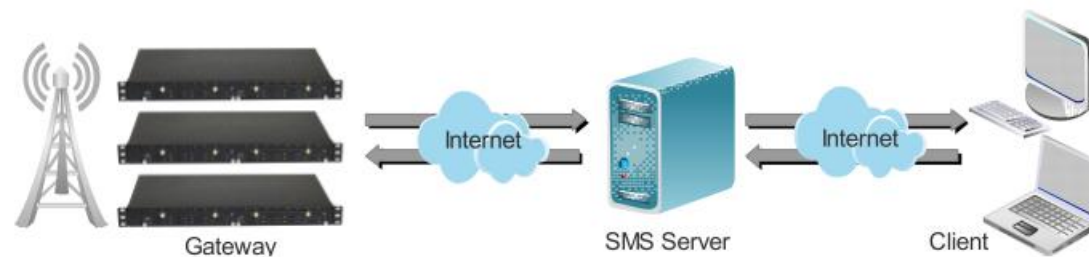


The 'Basic Configuration' interface for SMS/USSD. It includes the following settings:

- API: ☐ Disable ☐ Old Version ☒ New Version ☐ AT ☐ SMPP
- Push Event: ☐
- USSD Default Encoding: UCS2
- GSM Audio Coding: AUTO
- VoLTE: AUTO

A 'Save' button is located at the bottom right of the configuration area.

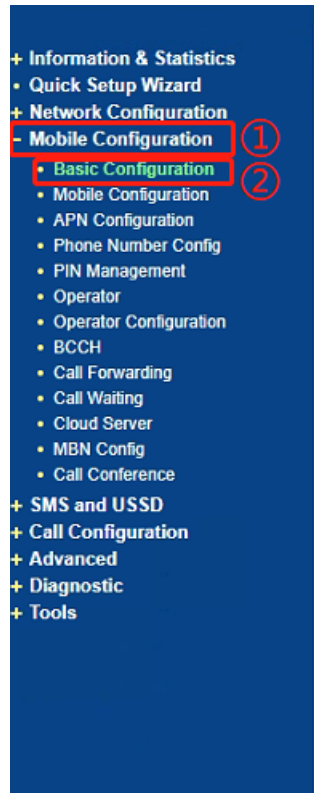
Notes: 1. After enabling/disabling the VoLTE, you need to restart the module to take effect.



## 2.3 Setting SMS/USSD

### 3. Send SMS

#### ③ Send SMS via SMPP



Basic Configuration

API ☐ Disable ☐ Old Version ☐ New Version ☐ AT ☒ SMPP ③

SMPP Listen Port 0

SMPP User Password ..... Show Password ④

SMPP Inactivity Timer 10 min(s) Note: "0" means disable.

Message ID mode UUID ▾

Destination Address in Deliver\_sm Address of SME ▾

Cache the SMPP Requests Enable ▾

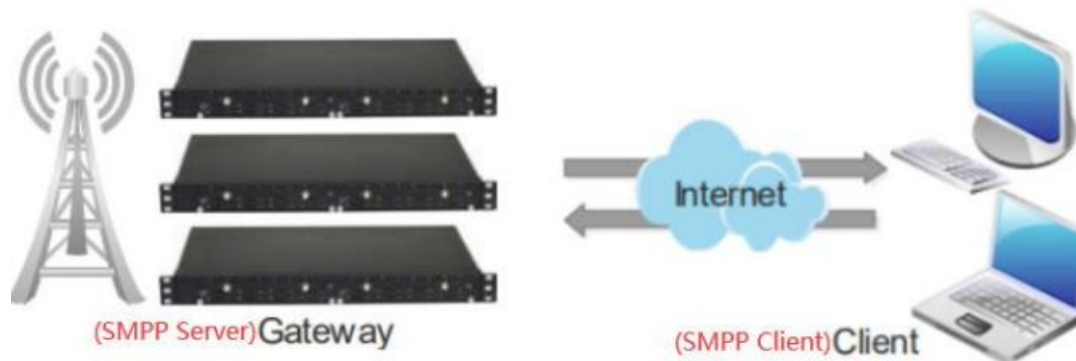
SMPP States Config

Message is received by peer	ACCEPTD ▾	006
Message is sent	DELIVRD ▾	002
Message be deleted	DELETED ▾	004
Message in a rejected state	REJECTD ▾	008
Message undeliverable	UNDELIV ▾	005

USSD Default Encoding UCS2 ▾

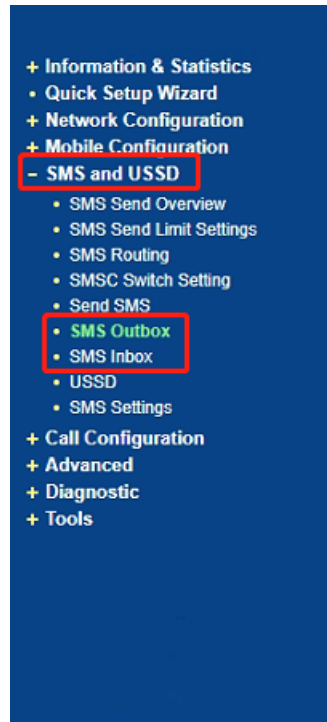
GSM Audio Coding AUTO ▾

VoLTE AUTO ▾



## 2.3 Setting SMS/USSD

### 4. Check SMS sent status



A screenshot of the 'SMS Outbox' status page in the DINSTAR web interface. The page has a blue header with the title 'SMS Outbox'. Below the header, there are search and filter options:

- Start Date: 2010 Year 1 Month 1 Day
- End Date: 2025 Year 5 Month 5 Day
- Select Port: All
- Send Status: ANY
- Number: [input field]
- IMSI: [input field]
- Report Export: [Export button]
- [Refresh button]
- [Clear button]

Below these options is a table with the following columns: Port, IMSI, Send Date, Number, SMS Content, and Send Status. The table is currently empty. At the bottom of the page, there is a pagination bar that reads: 'Total: 0 entries 16 entries/page 1/0 page [dropdown]'.

## 2.3 Setting SMS/USSD

### 5. Send USSD

- + Information & Statistics
  - Quick Setup Wizard
- + Network Configuration
- + Mobile Configuration
  - SMS and USSD ①
    - SMS Send Overview
    - SMS Send Limit Settings
    - SMS Routing
    - SMSC Switch Setting
    - Send SMS
    - SMS Outbox
    - SMS Inbox
    - USSD ②
      - SMS Settings
- + Call Configuration
- + Advanced
- + Diagnostic
- + Tools

USSD			
	Port	USSD Request	USSD Reply
③	<input type="checkbox"/> 0	④	not registered
	<input type="checkbox"/> 1		not registered
	<input type="checkbox"/> 2		not registered
	<input type="checkbox"/> 3		not registered
	<input type="checkbox"/> 4		not registered
	<input type="checkbox"/> 5		not registered
	<input type="checkbox"/> 6		not registered
	<input type="checkbox"/> 7		not registered

Reset  Copy To Select Clear Select Clear Reply

Send Exit Auto Refresh Stop Refresh

# Contents

- 1 Web Access to UC2000
- 2 UC2000 Basic Configuration
- 3 UC2000 Basic Maintenance

# Chapter Three Course Introduce

03



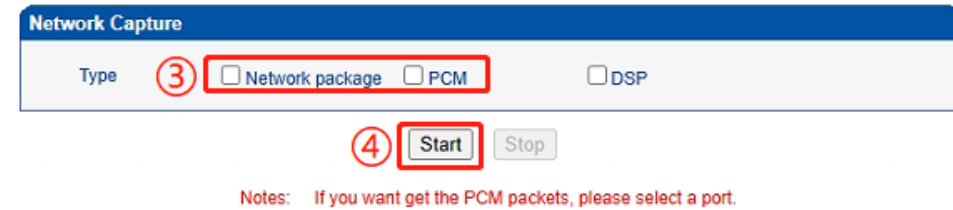
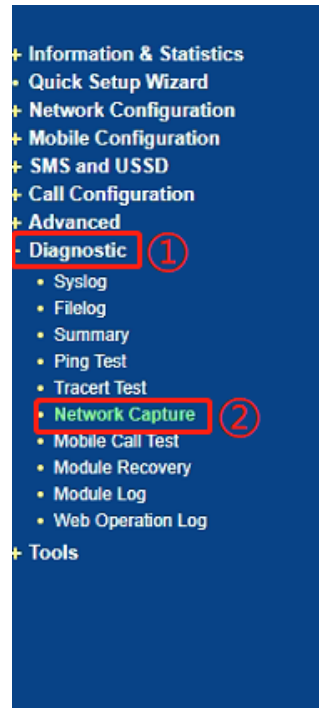
3.1 Getting network capture



3.2 Getting the log

## 3 SBC Basic Maintenance

- 3.1 getting network capture





# 3 SBC Basic Maintenance

- 3.2 getting the log

+ Information & Statistics

+ Quick Setup Wizard

+ Network Configuration

+ Mobile Configuration

+ SMS and USSD

+ Call Configuration

+ Advanced

+ Diagnostic

- Tools ①

• Software Upgrade & File Upload

• Config Restore and Backup

• Management Parameter ②

• NMS Configuration

• Remote Server

• Email Account Setting

• Username & Password

• Access Control

• Factory Reset

• Auto Restart

• Restart

Management Parameter

NTP Parameter

NTP Enable

☒ Yes ☐ No

Primary NTP Server Address

0.pool.ntp.org

Secondary NTP Server Address

1.pool.ntp.org

Time Zone

UTC

Local Time

5/5/2025, 21:51:59

Set

WEB Parameter

HTTP Port

80

HTTPS port

443

HTTP Enable

☐ Yes ☒ No

WEB Auto Logout Time

Off

Telnet Parameter

Telnet Port

23

Telnet Enable

☒ Yes ☐ No

SSH

SSH Enable

☒ Yes ☐ No

Save

Notes:The device must restart to take effect.

# Contents

1

Web Access to UC2000

2

UC2000 Basic Configuration

3

UC2000 Basic Maintenance

# Summary

- This course we already learn:
  - Understanding the UC2000 interface
  - Understand the basic connection of UC2000
  - Understand the application scenarios of UC2000
  - Understand the basic configuration of UC2000

# Abbreviation

- SIP: Session Initiation Protocol
- UC2000: Wireless Gateway



# THANKS



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