

UC New Feature

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Foreword

- This course is mainly:
 - Introduce Dinlink.
 - Introduce PMS
 - Introduce Attendant Console

Course Objective

Through this course
you will be able to



How To Make Calls On Dinlink



How To Use PMS



How To Set Attendant Console

Contents

- 1 Chapter One About Dinlink
- 2 Chapter Two About PMS
- 3 Chapter Three About Attendant Console

Chapter One About Dinlink

01

1.What is Dinlink

2. How To Configure Dinlink

3.How To Call Dinlink

What is Dinlink

- **Dinlink**

Dinlink APP is a softphone that can be used together with IPPBX

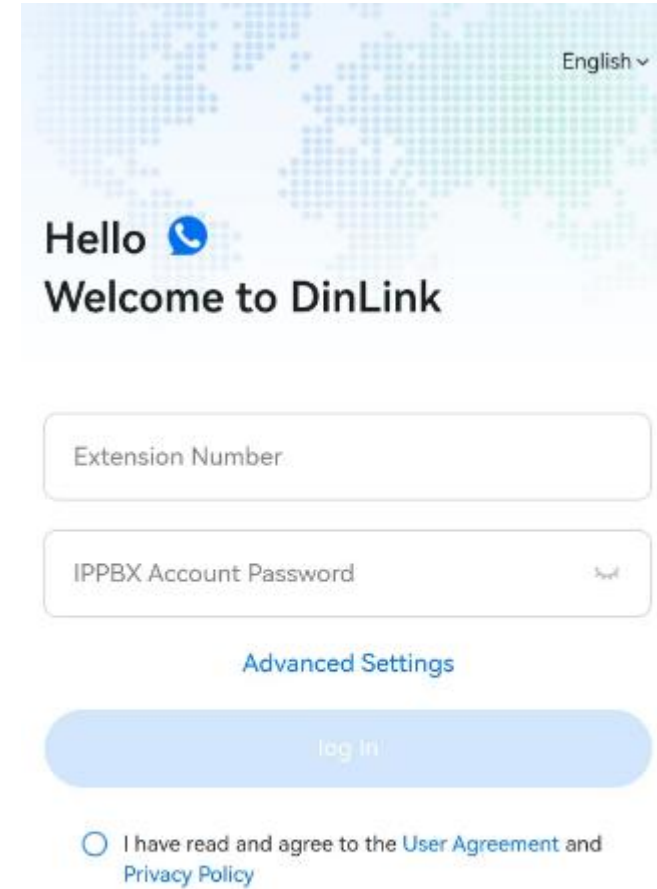
- **Main function**

Make and receive phone calls:

Address book

recording

voice messaging



The screenshot shows the login screen of the DinLink application. At the top right, there is a language selector set to 'English'. The main heading says 'Hello' followed by a blue phone icon and 'Welcome to DinLink'. Below this are two input fields: 'Extension Number' and 'IPPBX Account Password'. There is a link for 'Advanced Settings' and a large blue 'log in' button. At the bottom, there is a checkbox for 'I have read and agree to the User Agreement and Privacy Policy'.

English ▾

Hello  Welcome to DinLink

Extension Number

IPPBX Account Password 

[Advanced Settings](#)

log in

☐ I have read and agree to the [User Agreement](#) and [Privacy Policy](#)

How To Configure Dinlink

login uc web
page

SIP Stack
setting

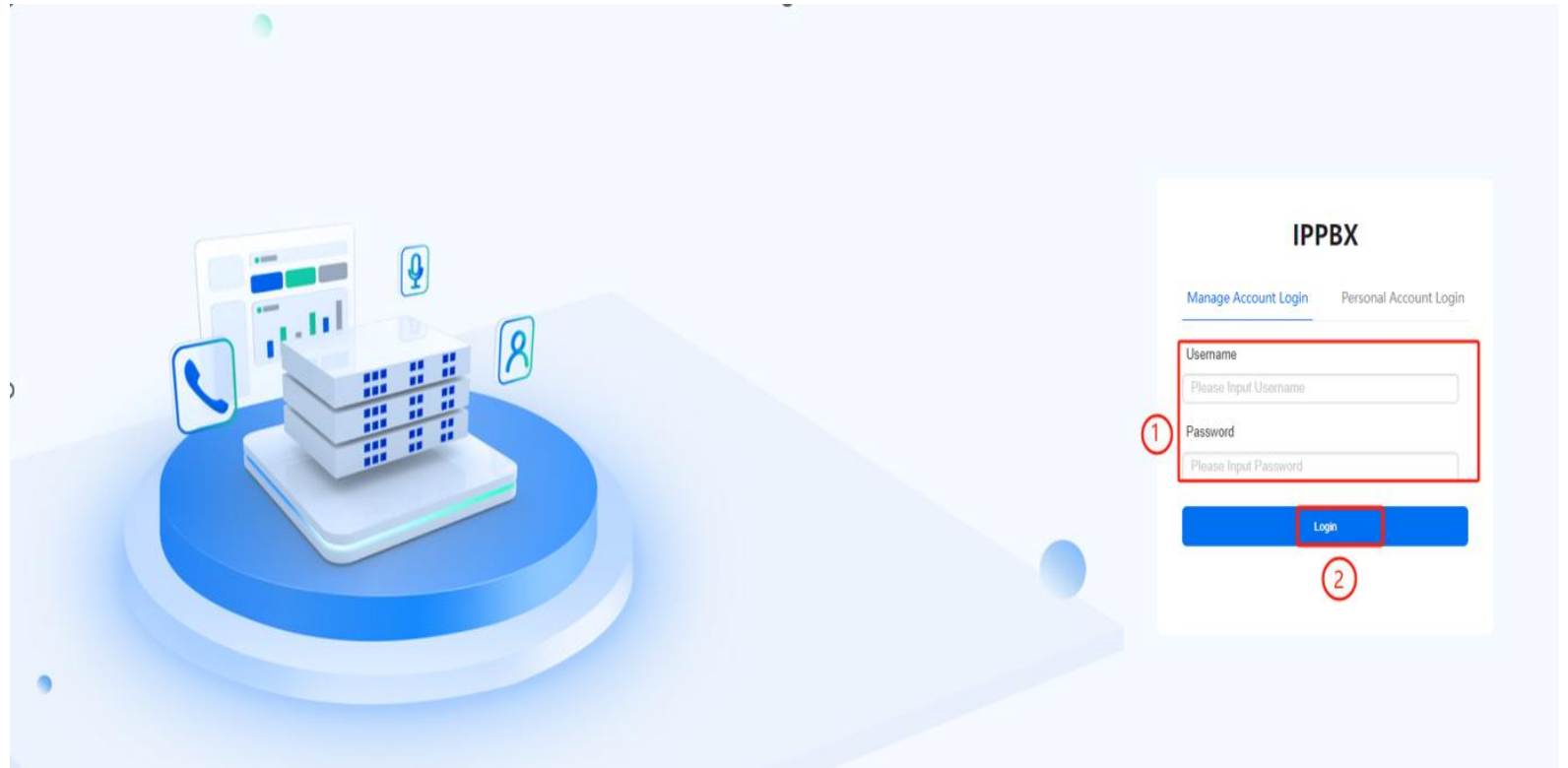
SIP Extension
setting

Dinlink
configuration

registration
status

1.Type username and password
default is admin/admin@123#

2.Click Login



How To Configure Dinlink



- 1. Click PBX Global Setting>
- 2. SIP Stack
- 3. Setting
- 4. Choose interface and then Edit

Status

Trunk & Route

Extension & Call Group

Advanced Service

PBX Global Settings

SIP Stack

Codec

FXS/FXO

Voice

Feature Code

SIP Stack

Status

Setting

New

Index	Name	IPv4/IPv6	Interface	Listening Port	DTMF	Session Timeout	Codec Priority	Incodec Profile	Outcodec Profile	
1	GE0_De...	I...	GE0	5060	RFC2833	Off	Remote	1-< default...	1-< default...	More Edit Delete
2	GE1_De...	I...	GE0	5061	RFC2833	Off	Remote	1-< default...	1-< default...	More Edit Delete

How To Configure Dinlink



5. NAT: select Public Proxy, input the server ip, port and select protocol as shown figure

6. Enable WebRTC

Edit SIP Profile

- Status
- Trunk & Route
- Extension & Call Group
- Advanced Service
- PBX Global Settings
- SIP Stack**
- Codec
- FXS/FXO
- Voice
- Feature Code
- Address Book
- CDR & Recording
- System

Edit SIP Profile

Basic Settings

How To Configure Dinlink



7. Public Proxy alias is show '3a683a' and State Is 'RUNNING'. It means Public Proxy works.

Note: each UC has unique alias

Status

Trunk & Route

Extension & Call Group

Advanced Service

PBX Global Settings

SIP Stack

Codec

FXS/FXO

SIP Stack

Status

Setting

Index	Name	Listening Addr	State	Current Call
1	GE0_Default	172.27.10.33:5060	● RUNNING	0
	GE0_Default(W...	172.27.10.33:7443	● RUNNING	
	GE0_Default(Pu... GE0_Default(Public Proxy/3a683a) p)	47.111.187.106:14058(wss	● RUNNING	
2	GE1_Default	172.27.10.33:5061	● RUNNING	0

How To Configure Dinlink

login uc web
page

SIP Stack
setting

SIP Extension
setting

Dinlink
configuration

registration
status

1. click Extension & Call Group->SIP Extension
2. Create a new SIP extension, configure the extension number and password
3. Select network port
4. Enable the dinlink client and save

The screenshot shows the 'Edit SIP Extension' page in the Dinstar web interface. The left sidebar contains a menu with 'SIP Extension' highlighted and circled with a red '1'. The main content area is divided into 'Basic Settings' and 'Extended Service' sections. In the 'Basic Settings' section, a red box labeled with a red '2' encloses the 'Display Name', 'Extension', 'SIP Password', and 'App Password' fields. The 'SIP Profile' dropdown menu is circled with a red '3'. In the 'Extended Service' section, the 'DinLink Client' toggle switch is circled with a red '4'.

Field	Value
Status	☒
Index	1
Display Name	1000
Extension	1000
SIP Password	*****
App Password	12345678
Classification Tag	
DID	
Outbound CID	
SIP Profile	1-< GE0_Default >
DinLink Client	☒

How To Configure Dinlink

login uc web
page

SIP Stack
setting

SIP Extension
setting

Dinlink
configuration

registration
status

1. Choose language
2. Configure extension number and password
3. Select advanced configuration and configure Public Proxy information (UC SN or Alias, IP, Port)
4. Click log in

The image shows the DinLink login page. It features a world map background and the text "Hello Welcome to DinLink". A language dropdown menu is in the top right corner, labeled with a red circle 1. Below the map, there are two input fields: the first contains "1000" and is labeled with a red circle 2, and the second contains "12345678" and is also labeled with a red circle 2. Below these fields is a link labeled "Advanced Settings" with a red circle 3. At the bottom, there is a blue "log In" button and a checkbox labeled "I have read and agree to the User Agreement and Privacy Policy" with a red circle 4.

The image shows the "Advanced Settings" page. It has a back arrow and the title "Advanced Settings". The "Push Method" is toggled on. Below it, the "OS Brand" dropdown is labeled with a red circle 3. The "Login Method" is set to "Public Proxy". The "Device SN/Device Alias" field contains "DDD1-0830-50-0016". The "Hostname/IP" field contains "47.1...06". The "Port" field contains "1060".

How To Configure Dinlink

DINSTAR

login uc web
page

SIP Stack
setting

SIP Extension
setting

Dinlink
configuration

registration
status

1. IPPBX:SIP Extension-Status can check the registration status
2. Dinlink: click Mine can check the registration status

SIP Extension

Status Setting

Filter by Status ☒ Register ☐ Unregistered Export+

Index	Display Name	Extension	Online	Register Source	Status	Expires	Agent	Profile	
1	1000	1000	1	172.28.20.137180	Registered(WSS-NAT)	132	Dinlink 2.40.1.113 Android 12	1-< GE0_Default >	
2	2000	2000	1	172.28.8.465060	Registered(UDP)	222	Yealink SIP-T48S 66.84.0.15	1-< GE0_Default >	
3	2001	2001	0		Unregistered			1-< GE0_Default >	
4	2002	2002	0		Unregistered			1-< GE0_Default >	
5	2003	2003	0		Unregistered			1-< GE0_Default >	
6	2004	2004	0		Unregistered			1-< GE0_Default >	
7	2005	2005	0		Unregistered			1-< GE0_Default >	
8	2006	2006	0		Unregistered			1-< GE0_Default >	
9	2007	2007	0		Unregistered			1-< GE0_Default >	
10	2008	2008	0		Unregistered			1-< GE0_Default >	
11	2009	2009	0		Unregistered			1-< GE0_Default >	

DinLink

1 1000 1000

Personal Information

Gender Male >

Mobile Enter Phone Number

Work Enter Work Number

Email Enter E-mail Address

How To Call Dinlink

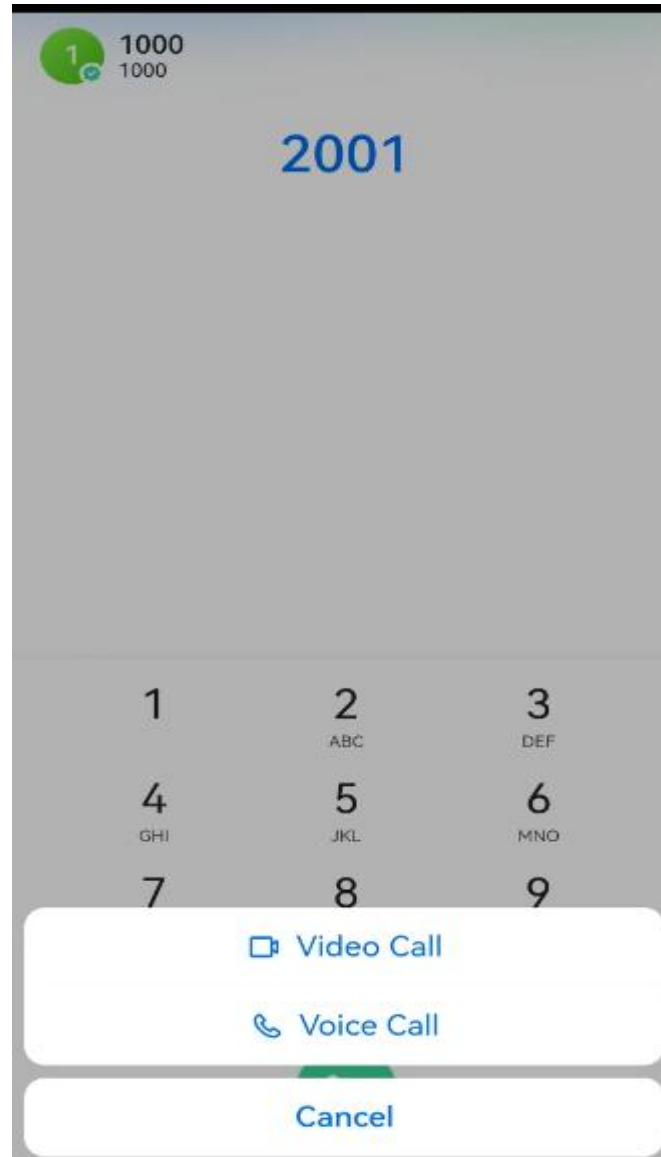
DINSTAR

Initiate a call

1. Dial the number
2. choose video or voice call

Received call:

Choose to connect or disconnect



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Chapter Two About PMS

02

1.What is PMS

2. How To Configure PMS

3.How To Use PMS

Address Book

PMS

House Keeping

Checkin Logs

Room CDR

Room Provider

Room Manage

Room

Apartment

Position

Attendant Console

Wakeup Clock

Personal Settings

House Keeping

Cleaning completed.

Refresh Room Status

Room NO

Room NO./Name/ID Card/Telephone

Position

All

Apartment

All

Check Out Plan Today

Status:

All

VC Vacant-Clean

VM Vacant-Mainte...

VD Vacant-Dirty

OC Occupied-Clean

OM Occupied-Mai...

OD Occupied-Dirty

UN Unavailable

1-1-1000 Double Room 1000 	1-1-1001 Double Room 1001 	1-1-1002 Double Room 1002 	1-1-1003 Double Room 1003 	1-1-1004 Double Room 1004 	1-1-1005 Double Room 1005 	1-1-1006 Double Room 1006
1-1-1007 Double Room 1007 	1-1-1008 Double Room 1008 	1-1-2003 Double Room 2003 	1-2-2001 single room 2001 	1-2-2002 single room 2002 	1-2-2004 single room 2004 	1-2-2005 single room 2005
1-2-2006 single room 2006 	1-2-2007 single room 2007 	1-2-2008 single room 2008 	1-2-2009 single room 2009 			

How To Configure PMS

DINSTAR

License view

SIP Stack
setting

SIP Extension
setting

Hotel Manager Extension
setting

Login PMS

1. Click Maintenance>License
2. View Hotel Manager permissions

The screenshot displays the DINSTAR PMS configuration interface. On the left is a sidebar menu with various system settings. The 'Maintenance' menu item is expanded, and the 'License' option is selected, highlighted with a red box and a circled '1'. The main content area is titled 'License' and contains a table of system parameters. The 'Hotel Management' parameter is set to 'enable', which is also highlighted with a red box and a circled '2'. The 'Hotel Manager Extension' parameter is set to 'Not Specified' with a link to 'Setting'.

License	
Version	1.0.1.10
SN	12
E1/T1 Port	4
SS7 Protocol	enable
Valid Period	90 d
Max Concurrency	100
SIP Extensions	1000
Hotel Management	enable ②
Number Of Hotel Management Operators	1
Hotel Manager Extension	Not Specified Setting
Attendant Console	disable

How To Configure PMS

License
view

SIP Stack
setting

SIP Extension
setting

Hotel Manager Extension
setting

Login PMS

1. click PBX Global
Setting>SIP Stack

2. Enable WebRTC option

SIP Stack

Status Setting

Index	Name	Listening Addr	State	Current Call	Call In(F/T)	Call Out(F/T)
1	GE0_Default	172.28.99.99:5060	● RUNNING	0	1/4	1/3
	GE0_Default(WebRTC)	172.28.99.99:7443	● RUNNING	0		
2	GE1_Default	192.168.11.1:5060	● RUNNING	0	0/0	0/0

Codec

FXS/FXO

Voice

How To Configure PMS

License
view

SIP Stack
setting

SIP Extension
setting

Hotel Manager Extension
setting

Login PMS

1. click Extension & Call Group->SIP Extension
2. Create Batch new SIP extension, configure the start extension number and password
3. Select network port

Batch New SIP Extension

Basic Settings

Status ☒

Start Extension 1000

Extension Count 9

DID Off

Step 1

SIP Password Policy All Same

SIP Password 12345678

App Password Policy All Same

App Password 12345678

SIP Profile 1-< GE0_Default >

How To Configure PMS

License
view

SIP Stack
setting

SIP Extension
setting

Hotel Manager Extension
setting

Login
PMS

1. Click Maintenance>License
2. Click setting Hotel Manager Extension
3. Select extension number

The screenshot displays the DINSTAR PMS configuration interface. On the left, a sidebar menu lists various system settings, with 'License' highlighted under the 'Maintenance' category, marked with a red circle and the number 1. The main content area shows the 'License' configuration page. A modal dialog titled 'Set up the hotel admin extension' is open, providing instructions on how to configure the hotel administrator's access. The dialog contains a text input field for 'SIP Extension / 1000 / 1000', which is highlighted with a red box and a red circle with the number 3. Below the input field, there are 'Done' and 'Cancel' buttons. In the background, the 'Hotel Manager Extension' setting is visible, with a 'Setting' button highlighted by a red box and a red circle with the number 2.

Setting	Value
E1/T1 Port	
SS7 Protocol	
Valid Period	
Max Concurrency	
SIP Extensions	1000
Hotel Management	enable
Number Of Hotel Management Operators	1
Hotel Manager Extension	1000
Attendant Console	disable
Telephone Operator Amount	1
Remain	57 d
Hot Standby	Authorized

How To Configure PMS

DINSTAR

License
view

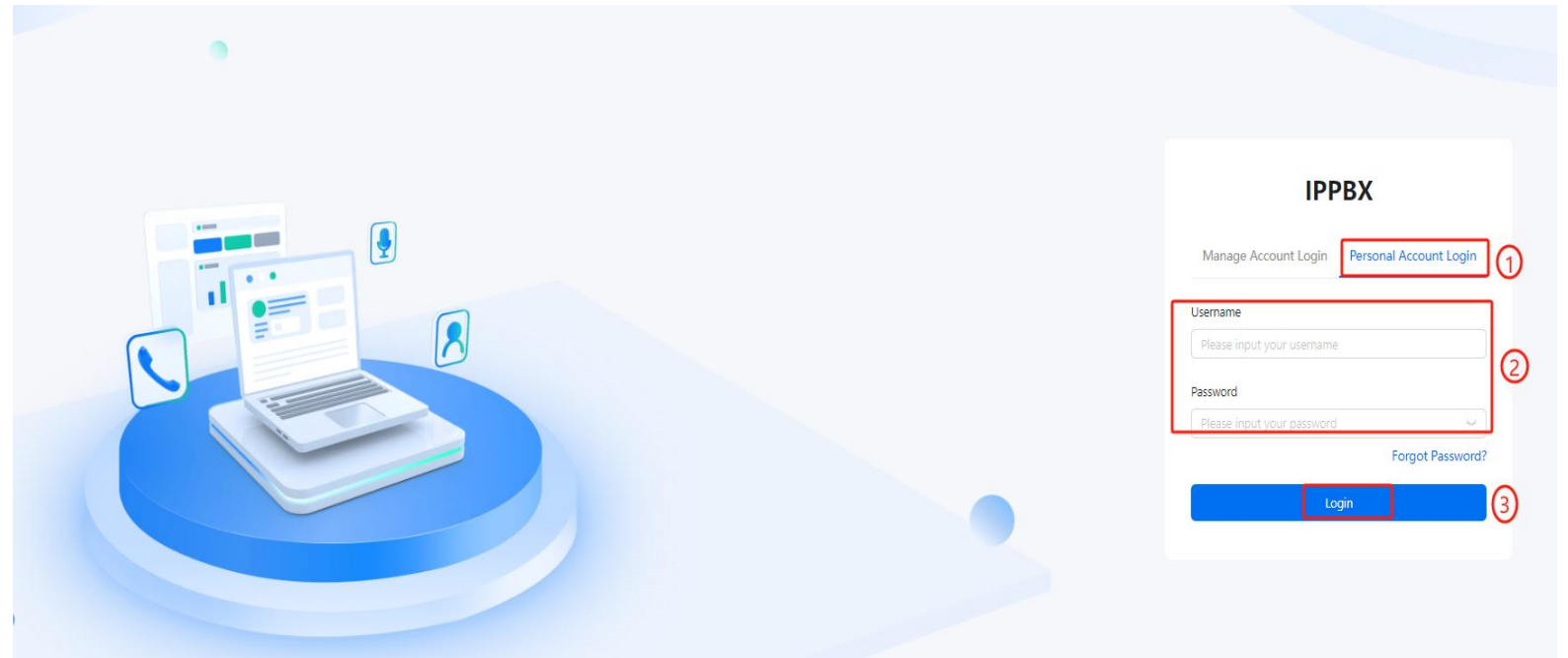
SIP Stack
setting

SIP Extension
setting

Hotel Manager Extension
setting

Login PMS

1. Select Personal Account Login
2. Fill in the hotel manager extension number and app password
3. Click login



How To Use PMS

- Room manage

Room: select the location information of the hotel room and bind the room extension and corresponding room number

Apartment: Customize room types and number of occupants

Position: Set building and floor information

Address Book

PMS

House Keeping

Checkin Logs

Room CDR

Room Provider

Room Manage

Room

Apartment

Position

Attendant Console

Attendant Console CDR

Wakeup Clock

Personal Settings

Room

Room NO

Position

Apartment

☐	Position	Room NO	Apartment	Extension Number	State	Operation
☐	Building A-F1	1003	Double Room	1003	Available	Edit Delete
☐	Building A-F1	1005	Double Room	1005	Available	Edit Delete
☐	Building A-F1	1004	Double Room	1004	Available	Edit Delete
☐	Building A-F1	1008	Double Room	1008	Available	Edit Delete
☐	Building A-F1	1002	Double Room	1002	Available	Edit Delete
☐	Building A-F2	2004	single room	2004	Available	Edit Delete
☐	Building A-F2	2001	single room	2001	Available	Edit Delete
☐	Building A-F2	2002	single room	2002	Available	Edit Delete
☐	Building A-F2	2007	single room	2007	Unavailable	Edit Delete
☐	Building A-F2	2008	single room	2008	Unavailable	Edit Delete

How To Use PMS

- House keeping

check the cleaning status of the room, and the cleaned room can be checked in

- Checkin logs

can be viewed after check-out

Address Book

PMS

House Keeping

Checkin Logs

Room CDR

Room Provider

Room Manage

Attendant Console

Attendant Console CDR

Wakeup Clock

Personal Settings

House Keeping

Checkin Logs

Room CDR

Room Provider

Room Manage

Refresh Room Status

Room NO Room NO./Name/ID Card/Telephone Position All Apartment All Check Out Plan Today

Status: All VC Vacant-Clean VM Vacant-Mainte... VD Vacant-Dirty OC Occupied-Clean OM Occupied-Mai... OD Occupied-Dirty UN Unavailable

Building A-F1-1... Double Room 1002 Vacant

Building A-F1-1... Double Room 1003 Vacant

Building A-F1-1... Double Room 1004 Vacant

Building A-F1-1... Double Room 1005 Vacant

Building A-F1-1... Double Room 1008 Vacant

Building A-F2-2... single room 2001 Vacant

Building A-F2-2... single room 2002 Vacant

Building A-F2-2... single room 2004 Vacant

Building A-F2-2... single room 2005 Unavailable

Building A-F2-2... single room 2006 Unavailable

Building A-F2-2... single room 2007 Unavailable

Building A-F2-2... single room 2008 Unavailable

Building A-F2-2... single room 2009 Unavailable

Check In

Address Book

PMS

House Keeping

Checkin Logs

Room CDR

Room Provider

Room Manage

Checkin Logs

Room NO./Name/Card NO./Telephone Date Start date End date

NO.	Room NO	Checkin Time	Checkout Time	Guest	Level	Contacts	Operation
2503051541-100800	1008	2025/03/05 15:41:27	2025/03/05 15:41:45	Abel	Normal	530553889	Details

How To Use PMS

- Room CDR

Display the call history of the room extension

- Room Provider

Customizable access number, service code, and waiter for calling corresponding services at room extensions

Address Book

PMS

House Keeping

Checkin Logs

Room CDR

Room Provider

Room Manage

Attendant Console

Wakeup Clock

Personal Settings

Room CDR

Room Provider

Service Record

Room CDR

NO./Name

Date

Start date

→

End date

BeginTime	Name/Room NO.	Extension Number	Call Direction	Destination	Duration	Call Type
2025-03-05 15:53:17	- / 2001	2001	Outgoing	*888*0*666	00:00:02	Unkown
2025-03-05 15:50:59	- / 2001	2001	Outgoing	8881	00:00:00	Unkown
2025-03-05 15:50:53	- / 2001	2001	Outgoing	888	00:00:00	Unkown
2025-03-05 11:25:01	- / 2001	2001	Incoming	1000	00:00:04	Internal
2025-03-05 10:47:18	- / 2001	2001	Outgoing	1000	00:00:00	Internal
2025-03-05 10:46:56	- / 2001	2001	Incoming	1000	00:00:10	Internal

Service Logs

Room No./Waiter/WaiterDID

Date

Start date

→

End date

Time	Room No./SIP	Waiter/PIN	Service Code	Type
2025-03-05 15:53:18	2001/2001	Lily/666	0	To Be Cleaned

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Chapter Three About Attendant Console

03

- 1.What is Attendant Console
2. How To Configure Attendant Console
- 3.How To Use Attendant Console

What is Attendant Console

- **Attendant Console**

providing an efficient and convenient operating platform for operators

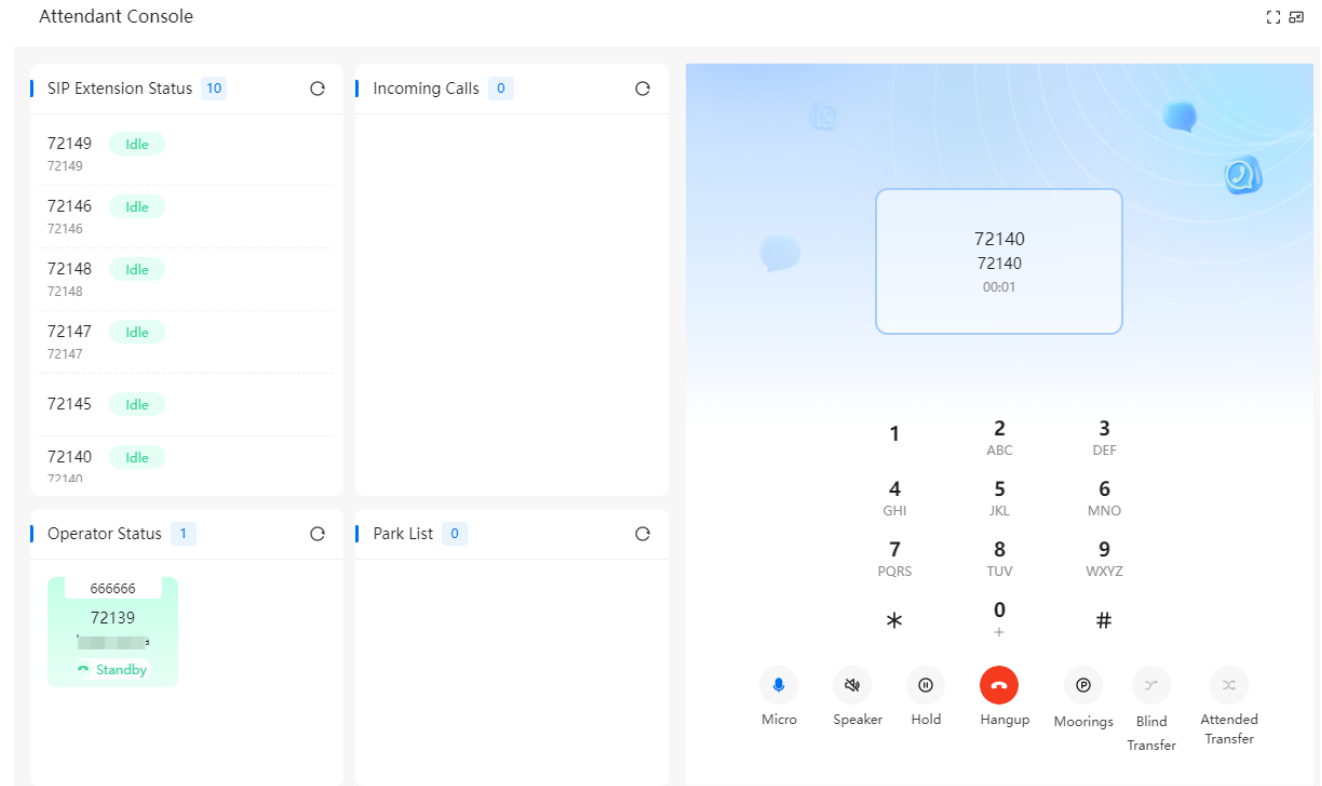
- **Main function**

Call answering and hanging up

Call hold/call moorings/ call forwarding

DND

Alarm



How To Configure Attendant Console

License view

Call Queue setting

Attendant Console login

Check in the queue

1. Click Maintenance>License

2. View Attendant Console permissions

License	
Version	1.0.1.14
SN	8
E1/T1 Port	16
SS7 Protocol	enable
Valid Period	90 d
Max Concurrency	1000
SIP Extensions	5000
Hotel Management	enable
Number Of Hotel Management Operators	5
Hotel Manager Extension	72145 Setting
Attendant Console	enable
Telephone Operator Amount	10
Remain	29 d
Hot Standby	Authorized

How To Configure Attendant Console

License view

Call Queue setting

Attendant Console login

Check in the queue

1. Click Advanced Service>Call Queue

2. Set queue number and type

3. Set Agent Members

The screenshot displays the 'Edit Call Queue' page in the DINSTAR web interface. The left sidebar contains a navigation menu with the following items: Status, Trunk & Route, Extension & Call Group, Advanced Service (expanded), IVR, Call Queue (highlighted with a red box and a circled '1'), Conference, Voicemail, Speed Dial, Dialplan, Follow Me, SCA, Alarm Clock, PBX Global Settings, Address Book, CDR & Recording, System, Maintenance, and Service Integrations. The main content area is titled 'Edit Call Queue' and is divided into three sections: Index, Queue Settings, and Agent Settings. The Index section shows the Queue Name as 'test', Queue Number as '666' (highlighted with a red box and a circled '2'), and Type as 'Attendant Console Queue'. The Queue Settings section includes fields for Call Allocation Policy (Simultaneous), Menu Tone (Off), Waiting Music (Default Tone), Enable Position Announcement (checked), Maximum Queue Time (60), Queue Timeout Policy (Hangup), Max Queue Length (0), and Quantity Overlimit Policy (Hangup). The Agent Settings section shows the Agent Members field (highlighted with a red box and a circled '3'), which is currently empty. Below the Agent Members field, there are two lists: 'Source list 0/91' and 'Target list 0/1', both containing the SIP Extension / 72140 / 72139.

1. Click Advanced Service>Call Queue

2. Set queue number and type

3. Set Agent Members

How To Configure Attendant Console

License view

Call Queue setting

Attendant Console
login

Check in the
queue

1. Select Personal Account Login
2. Fill in the Agent Members extension number and app password
3. Click login

The screenshot shows the UC350 Pro login interface. It features a title 'UC350 Pro' at the top. Below the title, there are two links: 'Manage Account Login' and 'Personal Account Login'. The 'Personal Account Login' link is highlighted with a red box and a red circle containing the number 1. Below these links, there are two input fields: 'Username' and 'Password'. The 'Username' field contains the text '72139' and the 'Password' field contains 'aa123456'. Both input fields are enclosed in a red box with a red circle containing the number 2. Below the password field, there is a link 'Forgot Password?'. At the bottom of the form, there is a blue 'Login' button, which is highlighted with a red box and a red circle containing the number 3.

How To Configure Attendant Console

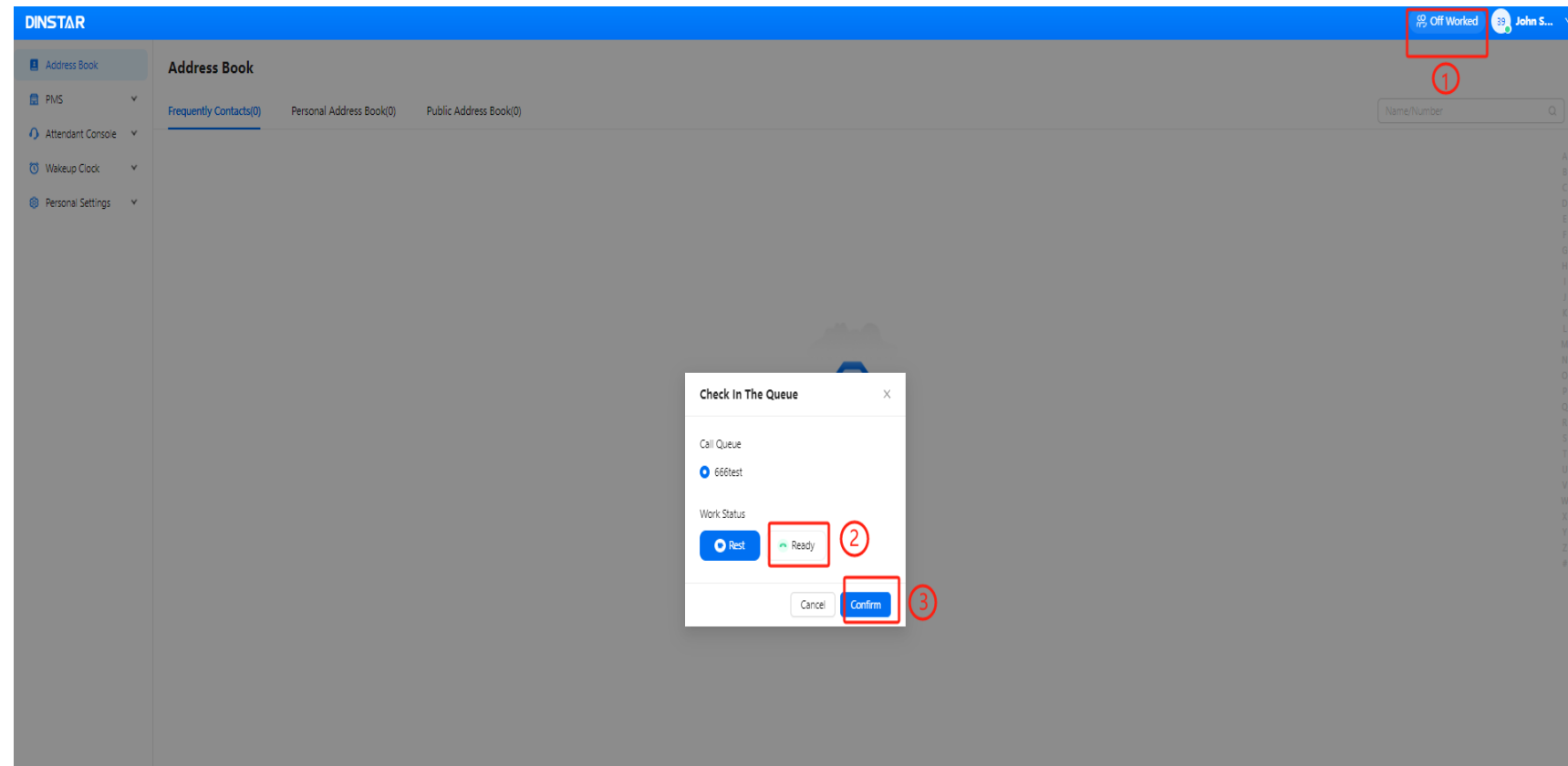
License view

Call Queue setting

Attendant Console
login

Check in the
queue

1. Click Check in The Queue
2. Click ready
3. Click Confirm



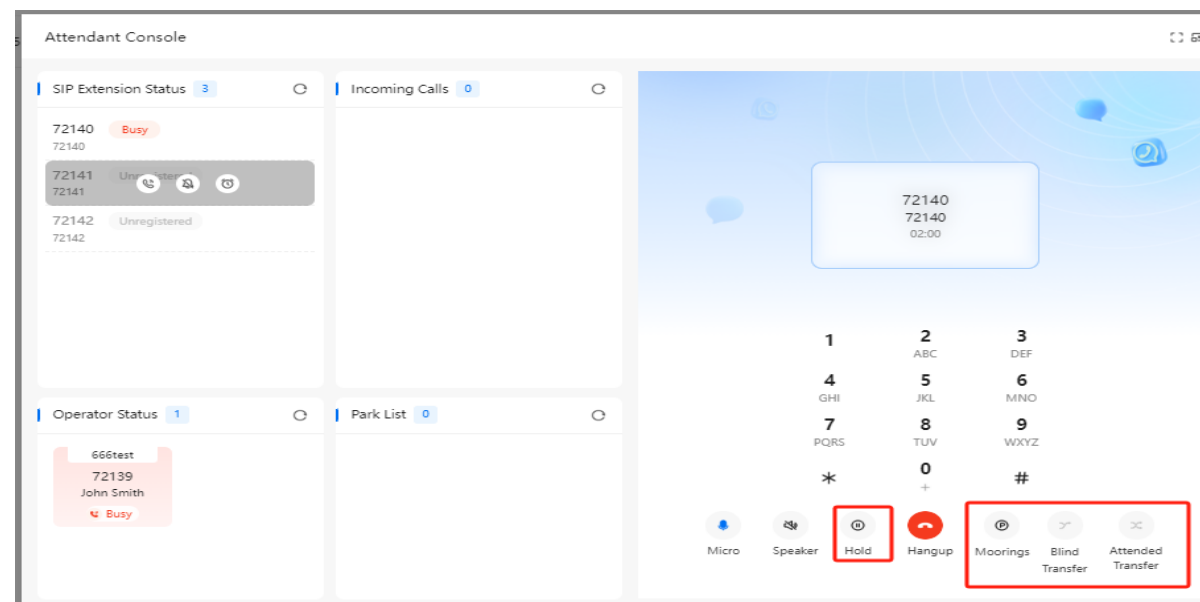
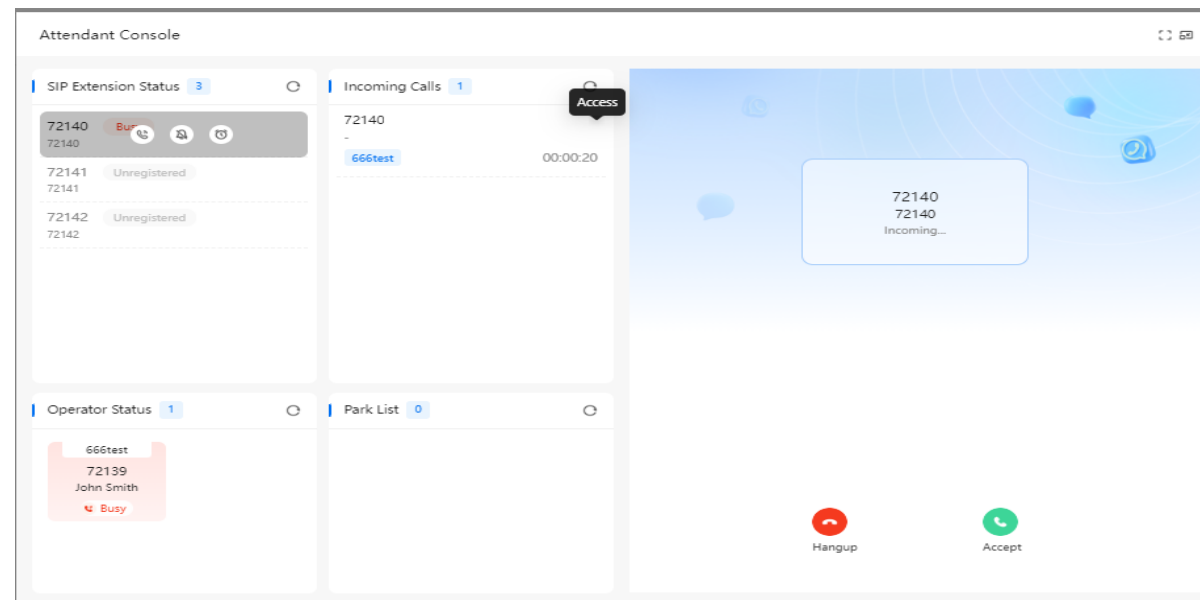
How To Use Attendant Console

- **Call answering and hanging up**

When receiving a call, users can choose accept or hangup

- **Call hold/call moorings/ call forwarding**

After answering the phone, users can choose call hold, mooring or transfer



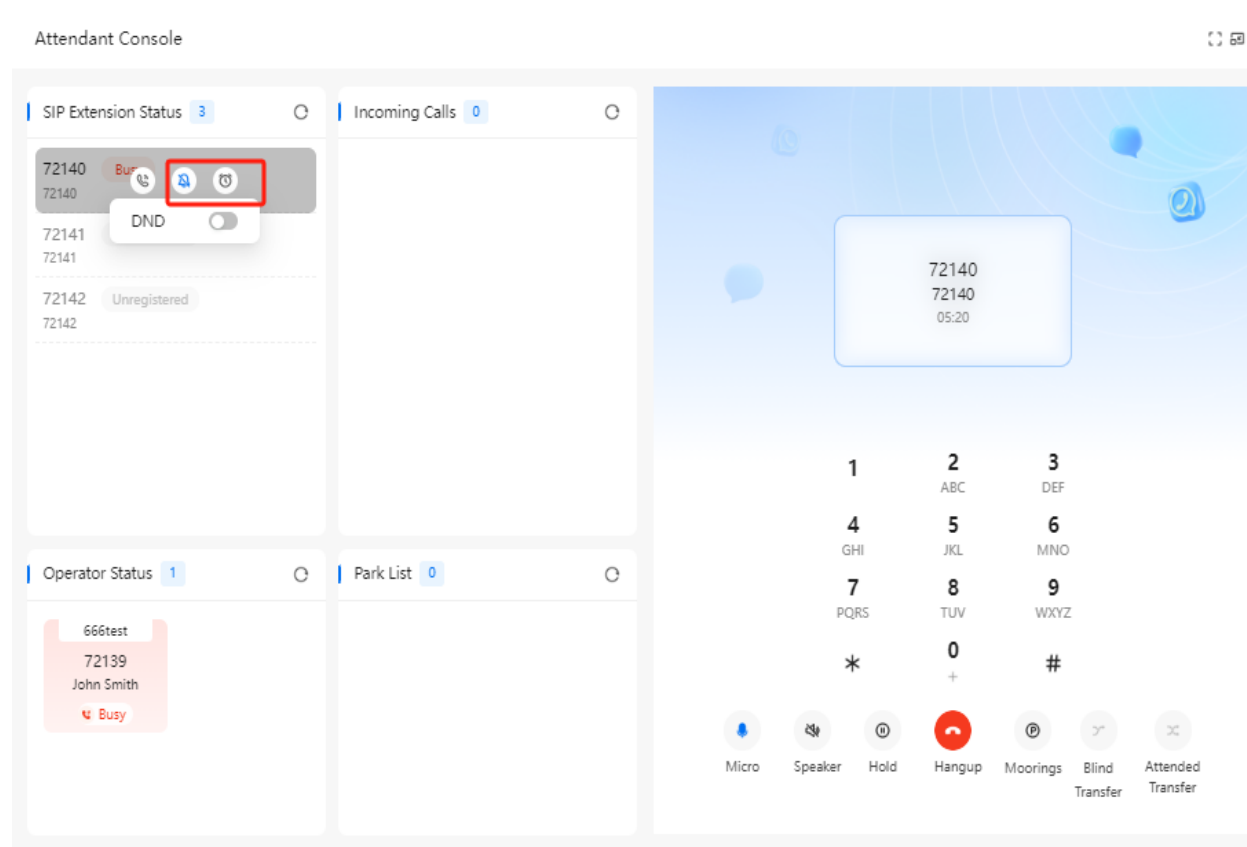
How To Use Attendant Console

- **DND**

After enabling DND, calling the extension will fail

- **Alarm**

After setting the alarm task, the extension will ring at the designated time and play alarm music upon answering



Summary

This course we already learn:

- How to make calls through Dinlink.
- How to Configure PMS and Attendant Console.
- How to use PMS and Attendant Console.



THANKS



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