

LV SWITCH

IPPBX8000

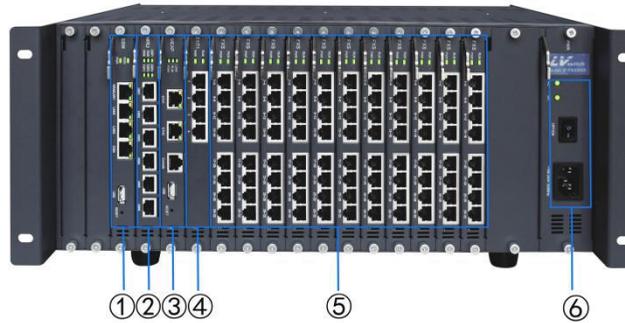
Quick User Guide



IPPBX8000 Product Introduction

LV Switch IPPBX 8000 is the IP voice gateway based on the applications of offices communications of medium and big size enterprises. LV Switch IPPBX8000 supports analog and SIP trunks, offering follow me, multi-level voice navigation, conference bridge etc affairs. The system is based on the Web management surface which supports remote upgrade, maintenance and centralized management etc

IPPBX8000 Front Panel Overview



IPPBX Front Panel Overview	
1	SSW board, 1 WAN, 3LAN, RJ45, 1 Console, 1 USB2.0
2	MRU board, 6 EXP interfaces, RJ45
3	MEXP board, 2 maintenance network ports, 1console, RJ45, 1USB2.0
4	E1/T1, 8pcs , RJ45
5	FX0/FXS board, RJ45, 8 ports /pcs
6	Power board

Precautions for installation and Use

In the process of installation and operation of the equipment, the following safety recommendations are put forward:

- Avoid shaking. Recommend use of standard cabinet;
- Please place the equipment far away from the damp area and away from the heat source;
- Please confirm the correct grounding of the equipment;
- Please install the anti-static wrist during the installation & maintenance of the equipment, and ensure that the anti-static wrist is in good contact with the skin;
- Please do not plug in the device's interface boards and modules.

Equipment on the shelf

Screw the equipment to the standard



There is a ground yellow terminal behind the device,  Express.

The steps of the ground wire connection are as follows:

- Screw down the nut on the ground terminal of the chassis
- Put one end of the grounding wire on the grounding post of the rear panel. Put on and tighten the retaining nut

Connect the other end of the ground cable to the wiring terminal.

Packing list

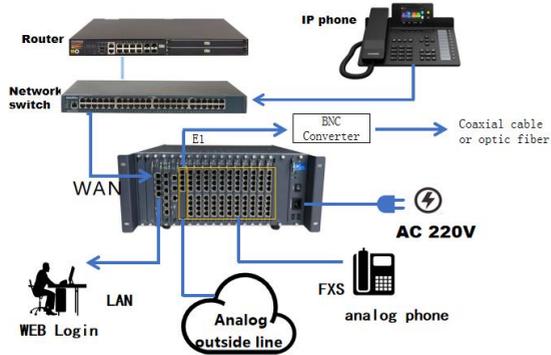
Items	Quantity
IPPBX8000 host	1
Power cable	1
Network cable	2
Quick user guide	1
BNC converter	1

For more information, please check the operation manual from the Vendor or contact the after-sales person from LV switch Inc.

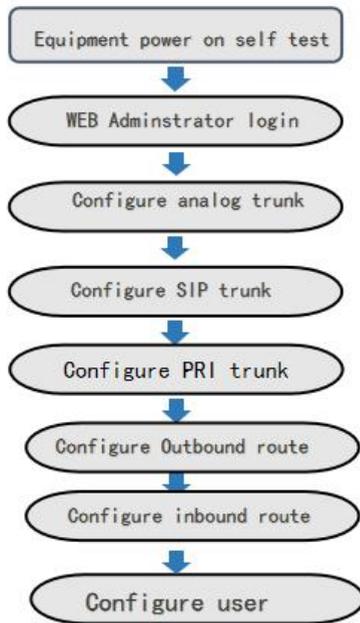
Email: service@lvswitches.com

Call: 0086-0757-82288116

Physical Connection



Start flow



➤ Equipment power-on self test

It takes 1~2 minutes for the device to startup and the hardware can self-check status before it running normally. Please be patient. When the running light changes from constant brightness to blinking, this means the system is activated.

➤ WEB Administrator system login

Physical connection: The LAN port of the IPPBX is directly connected to the PC network port;

1. The PC network port is configured to automatically obtain the IP address mode or static IP address mode.
2. The user launches the browser on the PC. In the address bar enter <http://192.168.100.1> to log in to the WEB network management.
3. Select the language Chinese or English to log in.
4. User name :admin password:admin

NOTE : The IP address of the PC must be configured with the same network segment as the LAN2 port to access the WEB page.

➤ Configure Analog Trunk

1. Physical connection: FXO port is connected to the operator's analog exterior line;
- 2.Path: Click Voiciset>Trunks config> trunk config> analog trunk >Add
 Select the corresponding FXO port trunk channel

➤ Configure SIP Trunk

1. Physical connection: WAN port of the device is connected to local area network;
 2. Network setting route:network>basic setting>Wan setup>WAN5
 - 3.SIP trunk configure route: Voiciset>Trunks config>Trunk config> SIP trunk>ADD
- Please get the the SIP server parameters from the VOIP service provider.
 Master Agent Address,port number,transport protocol,DID: select DID number1,interface type "UNI"(UNI mode is register mode/NNI is IP docking),Attribute Domain/IP:(IMS operators generally need to fill in)
 Click: Save setting> Apply

1. Voice set> Trunks config>SIP Registry>Add
 Select the sip trunk name,Configure registration authentication user name, registration authentication password
2. Voiciset>start report>service voice status>sip show registry to check the SIP registry status

Configure outbound call

- 1.Route:Voiciset>Trunks config> Outbound call

Default setting: Analog trunk outgoing prefix local call :0

Domestic call :00 International call outgoing prefix:000

1. SIP trunk outgoing prefix local call :9
2. Domestic call :90 International call 900

PRI trunk outgoing prefix local call :9

Domestic call :90 international call:900

Configure Inbound call

1. Configure inbound route for Analog trunk
 - Route:Voiciset>Trunks config>Inbound call
 Click add: inbound call operations can select to automatic transfer to extension,IVR or automatic transfer to operator.(The transfer priority is higher than binding FXO channel)
 - Route:voiciset>user config>user config> for extension bind the FXO channel

Configure PRI Trunk

1. Click voiciset>PBX settings>PCM settings,enable E1
2. Click voiciset>Trunks config>Trunk config, click add under PRI trunk.
3. Fill in the parameters.
 Position :user side.

Switch Type:National,Calling Nai:National long distance,Called nai:National long distance(Sometimes at the request of the operator) .

DID number:default DID number 1

Configure user extension

1. Route: Voiciset> users config>user> click search/export
2. Batch modify type: FXS user name,FXS channel,permission,user account,extension number etc.
3. Tips:When registry of analog or SIP user,remember to check the term enable extension setting, SIP USER NAME,extension number and registry account must be the same. The primary registry password of sip user is Aa111111, Permitted Registry Address Range:not checked this term.And also the permission of the extension.

IPPBX Users self-service system login

IPPBX single user can log in users self-service system by entering address <http://192.168.100.1/users.php> in browser.

User name:user such as 6001,8001

Password:111111