

**Internet Telephony PBX System
(100/200 SIP Users Registrations)**

IPX-1100/IPX-1102/IPX-2200

Quick Installation Guide

Table of Contents

1. Internet Telephony PBX System.....	3
1.1. Package Contents	3
1.2. Hardware Installation	3
1.2.1 Safety Instructions.....	4
1.2.2 Placement	4
2. IPX-1100	5
2.1 Physical Introduction.....	5
2.1.1 LED Definitions	5
2.1.2 Physical Connection Topology of the IPX-1100	6
3. IPX-1102	7
3.1 Physical Introduction.....	7
3.1.1 LED Definitions	7
3.1.2 Physical Connection Topology of the IPX-1102	8
4. IPX-2200	9
4.1 Physical Introduction.....	9
4.1.1 LED Definitions	9
4.1.2 Physical Connection Topology of the IPX-2200	10
5. Basic System Configuration.....	11
5.1 New System Setup Wizard	11
5.2 Web Admin Login.....	11
5.2.1 Configuring the Network Setting.....	13
5.2.2 Changing IP Address or forgotten Admin Password	15
6. Further Configuration.....	16

1. Internet Telephony PBX System

1.1. Package Contents

Thank you for purchasing PLANET Internet Telephony PBX system. This Quick Installation Guide will show you how to finish the basic setting of connecting the web management interface and the Internet. Open the box of the Internet Telephony PBX system and carefully unpack it.

The box should contain the following items:

Model	Package Description
IPX-1100 (100 user registers)	<ul style="list-style-type: none">● Quick Installation Guide x 1● Power Adapter x 1 (12V DC)● RJ45 Cable x 1
IPX-1102 (100 user registers)	<ul style="list-style-type: none">● Quick Installation Guide x 1● Power Adapter x 1 (12V DC)● RJ45 Cable x 1
IPX-2200 (200 user registers)	<ul style="list-style-type: none">● Quick Installation Guide x 1● Power Cord x 1● RJ45 Cable x 1● Bracket Screws x 6● Rack Mounting Screws x 4



Note

If any of the above items are damaged or missing, please contact your dealer immediately.

1.2. Hardware Installation

The following are instructions for setting up PLANET Internet Telephony PBX system. Refer to the illustration and follow the simple steps below to quickly install your Internet Telephony PBX system.

1.2.1 Safety Instructions

The following are the safety instructions for Internet Telephony PBX system before installing.

- The maximum operating temperature of the Internet Telephony PBX system is 40°C, which requires ventilation.
- The power supplied to the IP PBX must be fitting to prevent a power overload that may cause hazardous to the power circuit including wiring.
- The power adapter must plug into the right supply voltage. Make sure that the supplied power voltage is correct and stable. If the input power voltage is over 10% lower than the standard, it may cause the IP PBX to malfunction.
- The product must comply with the applicable safety standards and regulatory requirements of the country where it is installed. If needed, seek technical support.

1.2.2 Placement

Make sure the device is placed in a safe environment to avoid equipment failure.

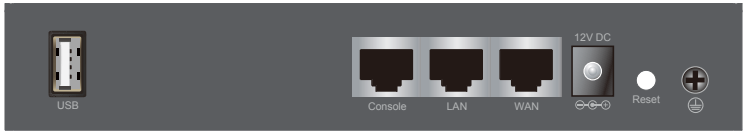
- DO NOT place anything on top of the device. Excessive weight could damage it.
- DO NOT obstruct ventilation slots on each side of the IP PBX or expose it to direct sunlight or other heat sources. Be sure that there is adequate air flow around the IP PBX.
- Place the IP PBX on a flat surface to avoid any damage.

2. IPX-1100

2.1 Physical Introduction



Front Panel of the IPX-1100

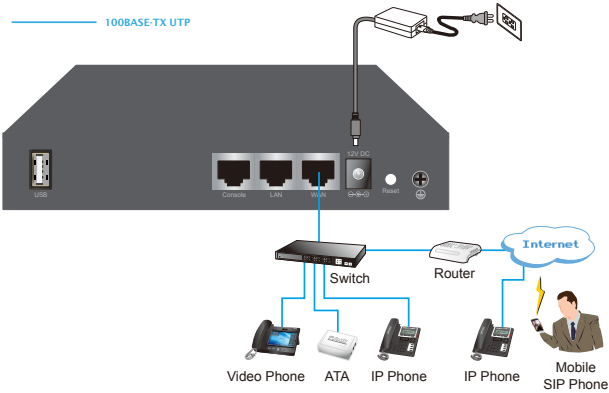


Rear Panel of the IPX-1100

2.1.1 LED Definitions

Front Panel LED	Status	Description
PWR	Steady Green Off	PBX power ON PBX power OFF
WAN	Blinking Green On Off	Data is transferring PBX network connection established Waiting for network connection
LAN	Blinking Green On Off	Data is transferring PBX network connection established Waiting for network connection
SYS	Blinking Green On Off	System is working System doesn't boot System failed

2.1.2 Physical Connection Topology of the IPX-1100

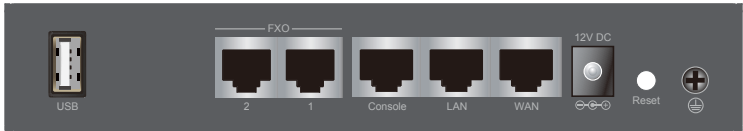


3. IPX-1102

3.1 Physical Introduction



Front Panel of the IPX-1102

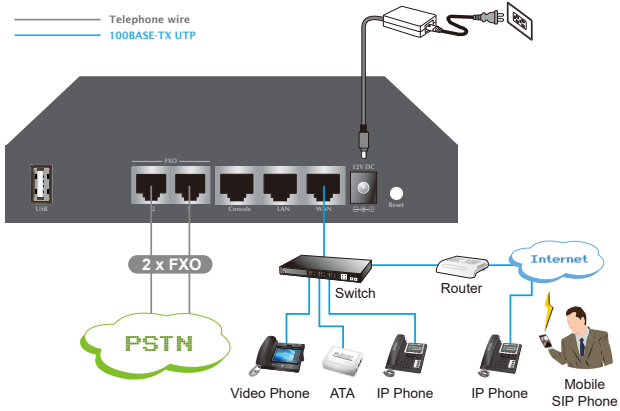


Rear Panel of the IPX-1102

3.1.1 LED Definitions

Front Panel LED	Status	Description
PWR	Steady Green Off	PBX power ON PBX power OFF
WAN	Blinking Green On Off	Data is transferring PBX network connection established Waiting for network connection
LAN	Blinking Green On Off	Data is transferring PBX network connection established Waiting for network connection
FXO 1~ FXO 2	Steady Red Blinking Off	Ready/Standby Ringing Module not available
SYS	Blinking Green On Off	System is working System doesn't boot System failed

3.1.2 Physical Connection Topology of the IPX-1102



4. IPX-2200

4.1 Physical Introduction



Front Panel of the IPX-2200



Rear Panel of the IPX-2200



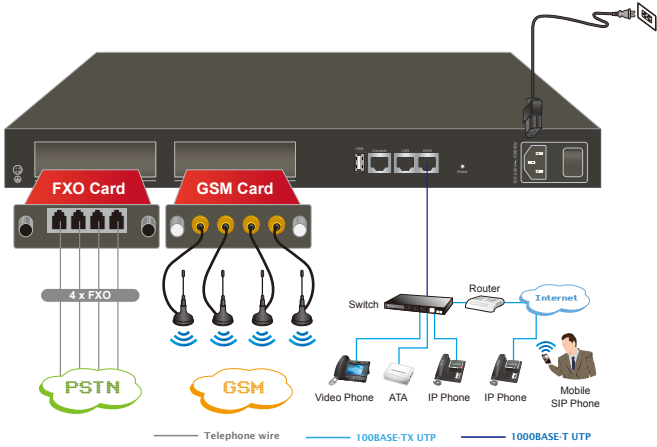
Note

1. Supporting 2 slots, user can buy an expansion module like IPX-21FO (4 x FXO) or IPX-21GS (4 x GSM) for extending port service.
2. If IPX-21GS is used, please disable pin lock function. Otherwise, dial out or call in will not be available.

4.1.1 LED Definitions

Front Panel LED	Status	Description
PWR	Steady Green Off	PBX power ON PBX power OFF
SYS	Blinking Green Off	System is working System booting or failed
WAN	Blinking Green Off	Data transmitting No data transmitting
LAN	Blinking Green Off	Data transmitting No data transmitting
Slot 1~Slot 2 FXO/GSM/FXS	Steady Red (FXO) (GSM) Steady Green (FXS) Flashing Off	Channel loading succeeded Channel ringing Channel loading failed

4.1.2 Physical Connection Topology of the IPX-2200



5. Basic System Configuration

5.1 New System Setup Wizard

- Step 1.** Connect a PC directly with the IP PBX on WAN or LAN port. Default IP of WAN port is **172.16.0.1**, and default IP of LAN port is **192.168.0.1**. Please change the PC IP address to 172.16.0.xx if you have connected WAN, or 192.168.1.xx if you have connected LAN.
- Step 2.** Start a web browser. The browser should be Microsoft Edge, Firefox or Google Chrome.
- Step 3.** Enter the default URL of WAN port "**https://172.16.0.1**" or enter URL of LAN port "**https://192.168.0.1**" into the browser address bar to access its Web interface.
- Step 4.** Now you should be prompted by a security warning. Please ignore the warning and proceed to access the IP PBX Web interface.
- Step 5.** By now you should have seen the **Login Page**.



5.2 Web Admin Login

You will need to log in with the default username and password which are both **"admin"**. Once you have logged in as administrator, you can power off and deploy the IPPBX system to your local LAN, and then power it on for further configurations.

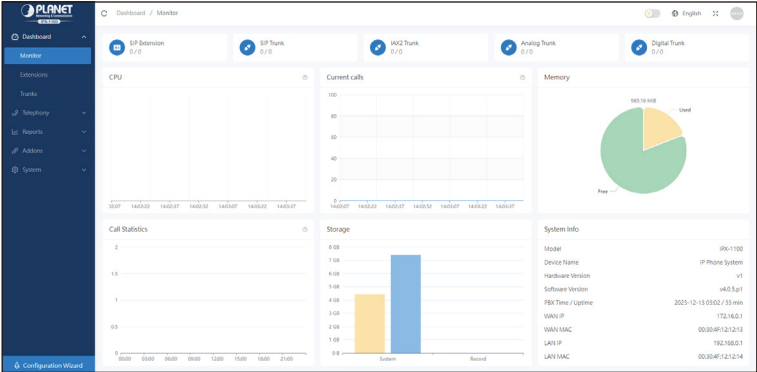
(Default IP) For enhanced security, it is recommended to use HTTPS when accessing the IP PBX.

Default WAN IP: **https://172.16.0.1**
Default LAN IP: **https://192.168.0.1**
Default User Name: **admin**
Default Password: **sw + the last 6 characters of the MAC ID in lowercase**



Note

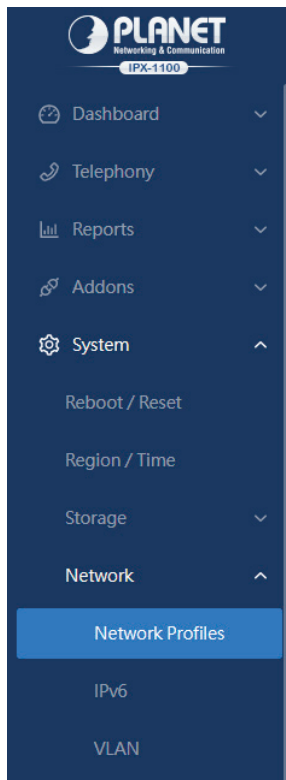
For security reason, please change and memorize the new password after this first setup.



Dashboard Page of the IP PBX

5.2.1 Configuring the Network Setting



Step 1. Go to **System** → **Network** → **Network Profiles**



Network Profiles

WAN

WAN

Network Mode  Static IP 


* IP Address

* Netmask

Gateway

Primary DNS

Alternative DNS


Enable Virtual IP 

ILAN

LAN

* IP Address

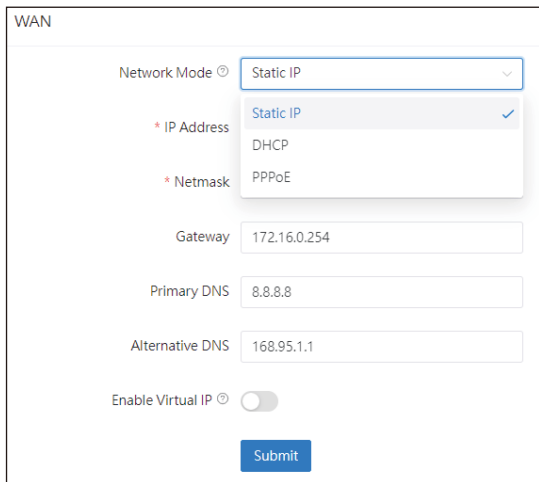
* Netmask

Enable Virtual IP 

Network Profiles Page

Step 2. Edit your WAN port IP information.

The Ethernet port connection offers three options: Static IP, DHCP and PPPoE. Refer to the user manual for a detailed setup process.



The screenshot shows a web interface for configuring the WAN port. The title is "WAN". There are several fields and a dropdown menu:

- Network Mode**: A dropdown menu currently showing "Static IP". A list of options is open below it: "Static IP" (selected with a checkmark), "DHCP", and "PPPoE".
- * IP Address**: A text input field.
- * Netmask**: A text input field.
- Gateway**: A text input field containing "172.16.0.254".
- Primary DNS**: A text input field containing "8.8.8.8".
- Alternative DNS**: A text input field containing "168.95.1.1".
- Enable Virtual IP**: A toggle switch currently turned off.
- Submit**: A blue button at the bottom.

Selection of IP Connection Type

5.2.2 Changing IP Address or Forgotten Admin Password

To reset the IP address to the default IP address "192.168.0.1" (LAN) or reset the login password to default value, press the reset button on the back of the unit for **more than 6 seconds**. After the device is rebooted, you can log in the management Web interface within the same subnet of 192.168.0.x.






Note

After pressing the "Reset" button, all the system data will be reset to default; if possible, back up the configuration file before initiating the reset.

6. Further Configuration

Thank you for choosing PLANET products. The provided steps cover basic configurations for the **IPX-1100**, **IPX-1102**, and **IPX-2200**. For more detailed configurations, consult the user manual. Should you have additional questions, feel free to reach out to the **local dealer or distributor** from whom you acquired the product.

PLANET IPX series user's manual:

IPX-1100	IPX-1102	IPX-2200
		
http://www.planet.com.tw/en/support/download.php?view=3&key=IPX-1100#list	http://www.planet.com.tw/en/support/download.php?view=3&key=IPX-1102#list	http://www.planet.com.tw/en/support/download.php?view=3&key=IPX-2200#list

You also can browse our online FAQ resource at PLANET Web site first to check if it could solve your issue. If you need more support information, please contact PLANET support team.

PLANET online FAQs:
<https://www.planet.com.tw/en/support/faq>

IP Telephony support team mail address:
support@planet.com.tw

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