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FCC Warning

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the Instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the You will be required to correct the interference at his own expense.

CE Mark Warning

This is a Class A product. In a domestic environment, this product may cause radio interference, in which case the You may be required to take adequate measures.

Revision

PLANET IP Phone

QUICK INSTALLATION GUIDE

For model: VIP-100PT / VIP-150PT

Part No.: EMQ-VIP150PTV1

Table of Contents

Chapter 1
Overview

This quick installation guide describes the objectives, organization and basic installation of the PLANET VIP-100PT/VIP-150PT PoE IP Phones, and explains how to establish your first voice over IP communication via PLANET product. Also, this guide shows you how to find additional information on related products and services.

The VIP-100PT/VIP150PT integrate web-based graphical user interface that can cover most configurations and machine status monitoring. Via standard, web browser, you can configure and check machine status from anywhere around the world.

This guide provides physical installation, network configurations, and Internet access establishment information for the PLANET VIP-100PT/VIP-150PT PoE IP Phone.
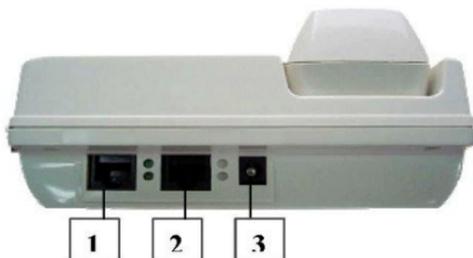
Document Organization

This guide is organized as follows:

- Preparation before beginning administration on VIP-100PT/VIP-150PT
- Administration interface
- Network Interface quick configurations
- Internet access setup guide

Preparation before beginning administration on VIP-100PT/VIP-150PT

Physical Interfaces

Rear Panel of VIP-100PT/VIP-150PT

| 1 | **PC** | RJ-45 connector, to maintain the existing network structure, connected directly to the PC through straight CAT-5 cable |
| 2 | **WAN** | RJ-45 connector, for Internet access, connected directly to Switch/Hub through straight CAT-5 cable. |
| 3 | **12V DC** | 12V DC Power input outlet |

Starting up VIP-100PT/VIP-150PT

SETP 1

Powering on machine, the LCD screen displays flashing greeting as below:

```
Starting
...
```
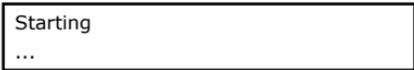
SETP 2

Wait about 10 seconds, the main LCD screen shall be shown as following, and when the Internet access is available, the VIP-100PT/VIP-150PT will connected to the SNTP server. The current time will be displayed on the LCD.
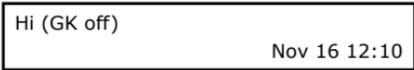
```
Hi (GK off)
                    Nov 16 12:10
```

LCD screen of VIP-100PT (H.323)

```
SIP (Proxy off)
                    Nov 16 12:10
```

LCD screen of VIP-150PT (SIP)

Front view and keypad function:

Keypad Description

MENU/OK	To show the functions from main or upper menu.
LEFT/ RIGHT	←→ Key, adjust the volume during the conversation. When machine is idle (not in calling session), you can also check incoming, outgoing, missed calls, and do volume adjustment. → also work as delete key.
CANCEL	Under Menu screen, you can go back to previous category by pressing this key.
TRANSFER	Transfer calls. Also a switch key between numbers and symbols.
RE/DIAL	Redial the previous dialed number. Also work as a "send" key after phone number is completed as dial.
HOLD	To hold the conversation.
#	The "send" key after phone number is completed as dial.
＊	Work as symbol "." (Dot) when input IP address. Work as "stop for one second" when input telephone.
SPEAKER	Hand free when dialing numbers.

Administration Interface

PLANET VIP-100PT/VIP150PT provide GUI (Web based, Graphical User Interface) for machine management and administration.

Web configuration access:

To start VIP-100PT/VIP-150PT web configuration, you must have one of these web browsers installed on computer for management

- Netscape Communicator 4.03 or higher
- Microsoft Internet Explorer 4.01 or higher with Java support

Default IP address of VIP-100PT/VIP-150PT is **192.168.0.1**. You may now open your web browser, and insert 192.168.0.1 in the address bar of your web browser to logon VIP-100PT/VIP-150PT web configuration page.

VIP-100PT/VIP-150PT will prompt for login username/password, please enter: **root** / **null (no password)** to continue machine administration.

PoE IP Phone Web Management

- Username: [   ]
- Password: [   ]

LOGIN

✎ NOTE: Please locate your PC in the same network segment (192.168.0.x) of VIP-100PT/VIP-150PT. If you re not familiar with TCP/IP, please refer to related documentation or consult your network administrator for proper network configurations.

Network Interface quick configurations

Execute your web browser, and insert the IP address (default: 192.168.0.1) of VIP in the adddress bar. After logging on machine, browse to Netwrok configuration --> Network Connect: configuration item:

- **Network Connect:**
  1. Dynamic IP: ☐
  2. PPPoE: ☐
     1. PPPoE Username: [   ]
     2. PPPoE Password: [   ]
  3. Fixed IP:
     1. IP Address: [192.168.0.1]
     2. Network Mask: [255.255.255.0]
     3. Default Router: [192.168.0.254]
     4. DNS Server: [168.95.1.1]

DONE

Parameter Description

IP Address	IP address of VIP
	Default: 192.168.0.1
Subnet Mask	Network mask of VIP-100PT/VIP-150PT
	Default: 255.255.255.0
Default Router	Gateway IP address of VIP-100PT/VIP-150PT
	Default: 192.168.0.254

After setting up network parameters, be sure to click the DONE button to apply settings and browse to System Configuration menu to reboot the machine to make the settings effective.

Connection Type	Data required
Dynamic IP (DHCP client)	In most circumstances, it is no need to configure the DHCP settings
PPPoE	The ISP will assign PPPoE username / password for Internet access
Fixed IP Address	The ISP will assign IP Address, and related information

Hint

Please consult your ISP personnel to obtain proper PPPoE/IP address related information, and input carefully.
If Internet connection cannot be established, please check the physical connection or contact the ISP service staff for support information.

There are several ways to make calls to desired destination in VIP-100PT/VIP-150PT. In this section, we ll lead you step by step to establish your first voice communication via keypad and web browsers operations.

Peer to peer (P2P) mode

VIP-100PT to VIP-100PT connection via IP address

192.168.0.1   192.168.0.2

Assuming there are two VIP-100PT in the network the IP address are 192.168.0.1, 192.168.0.2
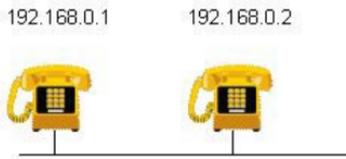
In peer-to-peer mode, you can directly pickup the handset and dial the IP address of the remote VIP-100PT using the keypad as below:

| 1 | 9 | 2 | * | 1 | 6 | 8 | * | 0 | 0 | 0 | * | 2 | # |

Then the phone in 192.168.0.2 should ring. You can repeat the sam step from the second VIP-100PT for voice calls.

VIP-150PT to VIP-150PT connection via IP address

Assume there are two VIP-150PT in the network, the IP address are 192.168.0.1, 192.168.0.2

192.168.0.1   192.168.0.2

In peer-to-peer mode, you can directly pickup the handset and dial the the IP address of remote via calling party keypad as below:
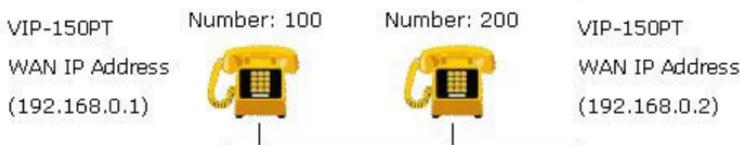
| 1 | 9 | 2 | * | 1 | 6 | 8 | * | 0 | 0 | 0 | * | 2 | # |

Then the phone in 192.168.0.2 should ring. You can repeat the same seps from the second VIP-150PT for voice calls

VIP-150PT to VIP-150PT connection via SIP telephone number

VIP-150PT
WAN IP Address
(192.168.0.1)

Number: 100   Number: 200

VIP-150PT
WAN IP Address
(192.168.0.2)

SETP 1

Please browse machine SIP configuration menu, and enable the Proxy mode. Insert IP address of the remote calling party in the Proxy Server Address field. Sample configuration screen is shown below:

- **SIP Parameters:**
  1. Display Name: 100
  2. Login ID:
  3. Telephone Number: 100
  4. Password:
  5. Proxy mode: ☑
  6. Proxy Server Address: 192.168.0.2
  7. Proxy Port: 5060
  8. Outbound Proxy: ☐
  9. Outbound Proxy Address:
  10. Outbound Proxy Port:

  DONE

SETP 2

After these configurations, be sure to click the **DONE** button to apply settings and browse to **System Configuration** menu to reboot the machine to make the settings effective After rebooting, the unit will communicate with the remote calling party, the LCD screen will show below:

```
Registering (100)
                    Nov 16 12:10
```

SETP 3

At this moment, you may pick up the handset and dial 200 to connect the remote VIP-150PT to start the voice communications.

Chapter 4
Quick reference in CD-ROM guide

This guide is used to help you startup your VIP settings. It is also recommended to check the user manual CD-ROM for more details like the LCD menu , Web Setup , and how to set the device back to default value.