

## **Quick Installation Guide**

### Overview

---

This quick installation guide describes the objectives; organization and basic installation of the PLANET VIP-156/VIP-156PE/VIP-158 VoIP Phone Adapter, 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-156/VIP-156PE/VIP-158 integrates a 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.

Document Objectives.....	3
Document Organization.....	3
Preparation before beginning administration on SIP Analog Telephone Adapter.....	4
Network Interface quick configurations .....	5
Voice communication samples .....	8
VIP-156 to VIP-156PE connection via IP address.....	8
Operation steps: .....	8
Voice communication via SIP proxy server – SIP-50.....	9
Quick reference in CD-ROM guide.....	10

## **Document Objectives**

This guide provides physical installation, network configurations, and Internet access establishment information for the PLANET VIP-156/VIP-156PE/VIP-158 Phone Adapter.

## **Document Organization**

This guide is organized as follows:

- Preparation before beginning administration on VIP-156/VIP-156PE/VIP-158
- Administration interface
- Network Interface quick configurations
- Internet access setup guide

## Preparation before beginning administration on SIP Analog

### Telephone Adapter

#### Physical Interfaces

- |   |               |  |
|---|---------------|--|
| 1 | <b>PC</b>     | RJ-45 connector, to maintain the existing network structure, connected directly to the <b>PC</b> through <b>straight</b> CAT-5 cable   |
| 2 | <b>LAN</b>    | RJ-45 connector, for Internet access, connected directly to <b>Switch/Hub</b> through <b>straight</b> CAT-5 cable.<br>The <b>LAN</b> interface also can be connected with 802.3af PoE switch or converter for power supply |
| 3 | <b>12V DC</b> | 12V DC Power input outlet  |

#### Administration Interface

PLANET VIP-156/VIP-156PE/VIP-158 provides GUI (Web based, Graphical User Interface) for machine management and administration.

#### Web configuration access:

To start VIP-156/VIP-156PE/VIP-158 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-156/VIP-156PE/VIP-158 is **192.168.0.1**. You may now open your web browser, and insert **http://192.168.0.1** in the address bar of your web browser to logon VIP-156/VIP-156PE/VIP-158 web configuration page.

VIP-156/VIP-156PE/VIP-158 will prompt for logon username/password, please enter: **root / null (no password)** to continue machine administration.



**Note**

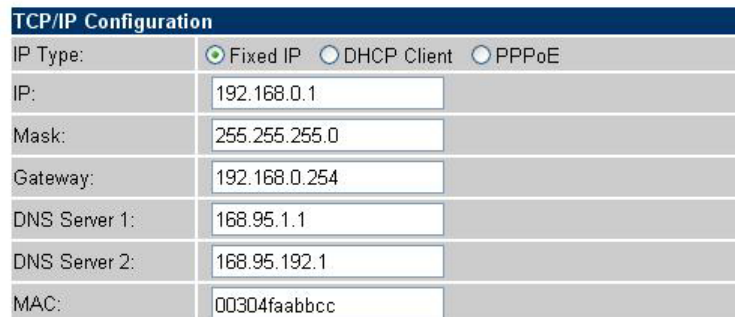
In order to connect machine for administration, please locate your PC in the same network segment (192.168.0.x) of VIP-156/VIP-156PE/VIP-158. If you're not familiar with TCP/IP, please refer to related chapter on user's manual CD or consult your network administrator for proper network configurations.

## Network Interface quick configurations

Execute your web browser, and insert the IP address (default: **192.168.0.1**) of VIP in the address bar. After logging on machine with username/password (default: **root / not passwrd**), browse to "**Network**" --> "**Network settings**" configuration menu:

## Network Settings

You could configure your network settings in this page.



### Parameter Description

IP address	LAN IP address of VIP-156/VIP-156PE/VIP-158
	<b>Default:</b> 192.168.0.1

Mask LAN mask of VIP-156/VIP-156PE/VIP-158

**Default:** 255.255.255.0

Default Gateway Gateway of VIP-156/VIP-156PE/VIP-158

**Default:** 192.168.0.254

Connection Type	Data required.
Fixed IP	The ISP will assign IP Address, and related information.
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,

After confirming the modification you've done, Please click on the **Submit** button to apply settings and browse to "**Save & Reboot**" menu to reboot the machine to make the settings effective.

### Save Change to Flash Memory

Most of the VoIP Phone Adapter parameters will take effective after you modify, but it is just temporary stored on RAM only, it will disappear after your reboot or power off the VoIP Phone Adapter, to save the parameters into Flash ROM and let it take effective forever, please remember to press the **Save & Reboot** button after you modify the parameters.

### Keypad configurations

The VIP-156 series phone adapters support telephone keypad configurations, please connect analog telephone set and refer to the following table for machine network configurations.

IVR Menu Choice	Machine operation	Parameter(s)	Notes:
#111#	Set DHCP client	None	VIP-156 will change to

			DHCP Client
#112xxx*xxx*xxx*xxx#	Setup Static IP Address	Use the * (star) key when entering a decimal point.	DHCP will be disabled and system will change to the Static IP type.
#113xxx*xxx*xxx*xxx#	Set Network Mask	Use the * (star) key when entering a decimal point.	Must set Static IP first.
#114xxx*xxx*xxx*xxx#	Set Gateway IP Address	Use the * (star) key when entering a decimal point.	Must set Static IP first.
#115xxx*xxx*xxx*xxx#	Set Primary DNS Server	Use the * (star) key when entering a decimal point.	Must set Static IP first.

Following keypad commands can be used to display the network settings enabled on VIP-156 via voice prompt.

IVR Menu Choice	Machine operation	Notes:
#120#	Check IP Address	IVR will announce the current IP address of the VIP-156
#121#	Check network connection Type	IVR will announce if DHCP is enabled or disabled.
#122#	Check the Phone Number	IVR will announce current enabled VoIP number
#123#	Check Network Mask	IVR will announce the current network mask of the VIP-156.
#124#	Check Gateway IP Address	IVR will announce the current gateway IP address of the VIP-156.
#125#	Check Primary DNS Server Setting	IVR will announce the current setting in the Primary DNS field.
#128#	Check Firmware Version	IVR will announce the version of the firmware running on the VIP-156.

**i Hint**

-----  
 Please contact your Internet service provider to obtain the Internet access type, and select the proper network settings in VIP-156 to establish the network connections.  
 -----

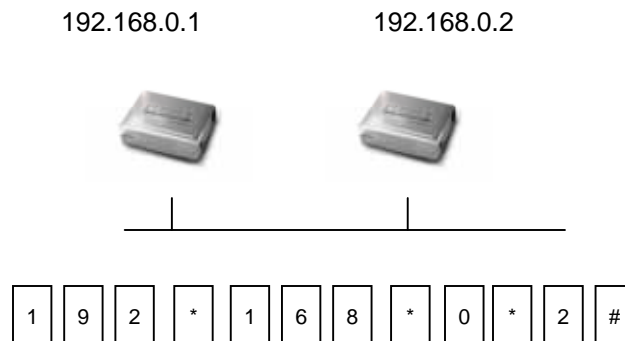
## Voice communication samples

There are several ways to make calls to desired destination in VIP-156. In this section, we'll lead you step by step to establish your first voice communication via keypad and web browsers operations.

### VIP-156 to VIP-156PE connection via IP address

Assume there are two VIP-156's in the network the IP address are 192.168.0.1, 192.168.0.2

Analog telephone sets are connected to the **phone** (RJ-11) port of VIP-156s respectively



#### Operation steps:

Pick up the telephone set on VIP-156 A, you should be able to hear the dialtone, press the keypad: 192\*168\*0\*2# shall be able to connect to the VIP-156 B.

Then the phone in 192.168.0.2 should ring. Please repeat the same dialing steps on VIP-156 B to establish the first voice communication from the second VIP-156

#### Hint

- 
- If the IP address of the remote calling party is known, you may directly make calls via its IP address and end with an "#".
  - If the IP phones are installed behind a NAT/firewall/IP sharing device, please make sure the NAT device support SIP applications before making calls
-



### Voice communication via SIP proxy server – SIP-50



- VIP-156 IP Address: 192.168.0.1  
Line Number: 1001

- VIP-156 IP Address: 192.168.0.2  
Line Number: 2002

### Machine configurations on the VIP-156:

#### STEP 1:

Log in SIP-50 and create two testing accounts/password: **1001/123** (for VIP-156 A), and **1002/123**(for VIP-156 B) for the voice calls.

#### STEP 2:

Please log in VIP-156 via web browser, browse to the **SIP setting** menu and select the **Domain Service** config menu. In the setting page, please insert the account/password information obtained from your service provider (in this sample, we're using PLANET SIP-50 as the SIP Proxy server for SIP account, call authentications), and then the sample configuration screen is shown below:

## Service Domain Settings

You could set information of service domains in this page.

Realm 1 (Default)	
Active:	<input checked="" type="radio"/> On <input type="radio"/> Off
Display Name:	<input type="text" value="1001"/>
Line Number:	<input type="text" value="1001"/>
Register Name:	<input type="text" value="planet"/>
Register Password:	<input type="password" value="•••"/>
Domain Server:	<input type="text" value="192.168.0.50"/>
Proxy Server:	<input type="text" value="192.168.0.50"/>
Outbound Proxy:	<input type="text"/>
Register Period:	<input type="text" value="15"/> (0~99) [0: 30 sec, 1~99 min]
Status:	Registered

### STEP 2:

Repeat the same configuration steps on VIP-156 B, and check the machine registration status, make sure the registrations are completed.

### Test the scenario:

To verify the VoIP communication, you may make calls from SIP client (VIP-156) 1001 to the number 1002 (VIP-156) or reversely make calls from SIP client (VIP-156) 1002 to the number 1001 (VIP-156 A)

## Quick reference in CD-ROM guide

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