

SIP Analog Telephone Adapter

VIP-158 SIP ATA

Quick Installation Guide

Overview

This quick installation guide describes the objectives; organization and basic installation of the PLANET VIP-158 SIP ATA ("ATA" in the following term), 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-158 series SIP ATA 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.

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Document Objectives

This guide provides physical installation, network configurations, and Internet access establishment information for the PLANET SIP ATA.

Document Organization

This guide is organized as follows:

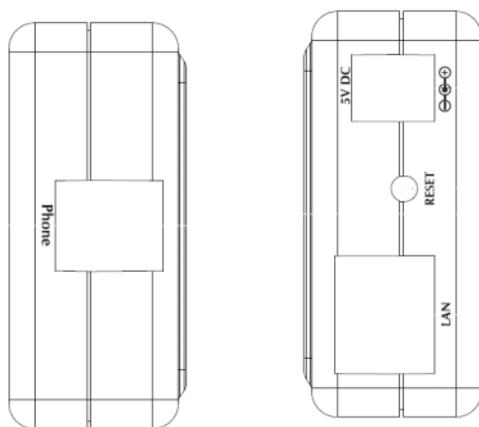
- Preparation before beginning administration on SIP ATA
- Administration interface

Preparation before beginning administration on ATA

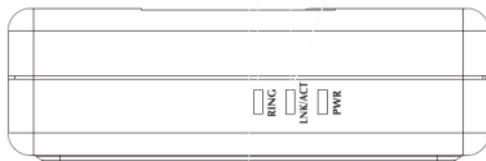
VIP-158: SIP Analog Telephone Adapter (1 x RJ-45, 1 x RJ-11)



Front Panel of VIP-158



Left / Right Panel of VIP-158



Top Panel of VIP-158

Physical Interface & Button

1	RESET	Reset to the factory default setting
2	5V DC	5V DC Power input outlet
3	LAN	RJ-45 connector, for Internet access, connected directly to Switch/Hub through straight CAT-5 cable.
4	Phone	RJ-11 connector, connected directly to the analog phone.

LED display

PWR	Power is supplied to the device.
LNK/ACT	OFF: the device is disconnected to LAN. ON: the device is connected to LAN.
RING	OFF: the phone is idle. ON: the phone is in use (off-hook). Blinking: the phone is ringing.



Note

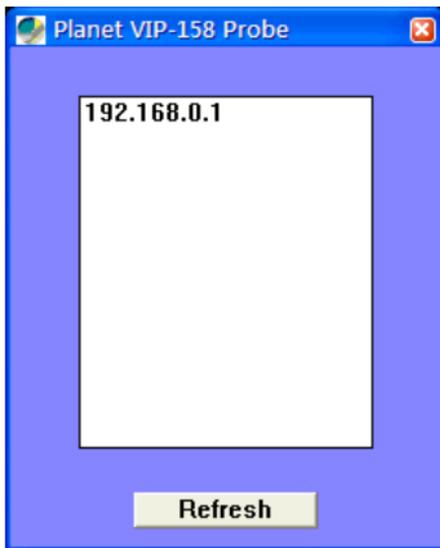
Machine default IP is <http://192.168.0.1>. Press **RESET** button on rear panel over 5 seconds will reset the Telephone Adapter to factory default value.

Administration Interface

The SIP ATA provides GUI (Web based, Graphical User Interface) for machine management and administration.

Utility quickly connection access:

Using for soft utility to search SIP ATA from current network. The utility not only easy-to-use and provides user more convenience for configuration access, at the some time if you forget this IP address can also found that via the utility.



Web configuration access:

To start ATA web configuration, you must have one of these web browsers installed on computer for management

- Microsoft Internet Explorer 6.0.0 or higher with Java support

Default IP address of ATA 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 ATA web configuration page.

ATA will prompt for logon username/password, please enter: root / null (not password) to continue machine administration.



Enter Network Password

This secure Web Site (at 192.168.0.1) requires you to log on.

Please type the User Name and Password that you use for ATA.

User Name

Password

Save this password in your password list

OK Cancel



Note

In order to connect machine for administration, please locate your PC in the same network segment (192.168.0.x) of ATA. 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 LAN IP address (default: **192.168.0.1**) of ATA in the address bar. After logging on machine with username/password (default: **root / not passwd**) configuration menu:

Network	
IP Address	192.168.0.1
Subnet Mask	255.255.255.0
Default Gateway	192.168.0.254
DNS	0.0.0.0
PPPoE Username	
PPPoE Password	
PPPoE IP	0.0.0.0
PPPoE DNS	0.0.0.0
Connection Type	STATIC
MAC	00304F123455
Version	1.0.0

Parameter Description

IP Address	LAN IP address of the ATA
	Default : 192.168.0.1
Subnet Mask	LAN mask of the ATA
	Default : 255.255.255.0
Default Gateway	Gateway of the ATA
	Default : 192.168.0.254
DNS	DNS server of the ATA
	Default : null
PPPoE Username	PPPoE user name of the ISP provider
	Default : null
PPPoE Password	PPPoE pass word of the ISP provider
	Default : null
Connect Type	Connect Type of the ATA
	Default : STATIC

Connection Type Description

SIATIC 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 effective and the ATA will be reload page automatic by itsely, that you must to afresh enter the final modification IP address for logon web management.

Voice communication samples

There are several ways to make calls to desired destination in ATA. 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

STEP 1: Assuming there are two VIP-158 in the network the IP address are 192.168.0.1 and 192.168.0.2

VIP-158-A
LAN IP address
(192.168.0.1)



VIP-158-B
LAN IP address
(192.168.0.2)

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

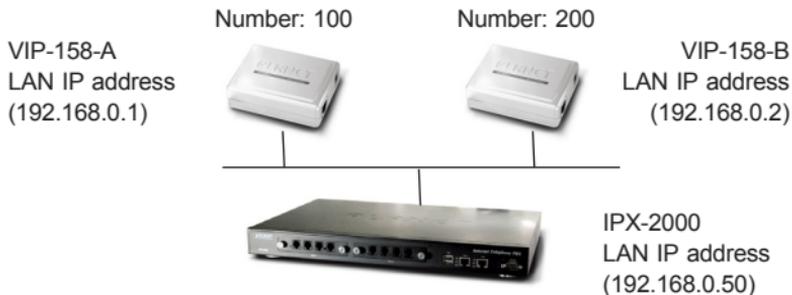
STEP 2: Pick up telephone handset of VIP-158-A and dial **"192.168.0.2#"** . Then the phone of VIP-158-B should ring. You can do the same thing to the VIP-158-B.



Hint

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

SIP Proxy mode



STEP 1: Log in IPX-2000 and create two testing accounts/ password: **100 / 123** (for VIP-158-A), and **200 / 123** (for VIP-158-B) for the voice calls.

STEP 2: Please log in VIP-158-A via web browser, find to the **SIP** item. In the setting page, please insert the account/password information obtained from your service provider (in this sample, we're using PLANET IPX-2000 as the IP PBX server for SIP account, call authentications), and then the sample configuration screen is shown below:

SIP	
Server	192.168.0.50
Server Port	5060
SIP Port	5060
SIP Name	100
Username	100
Password	●●●
Register Expires	1800
Register Alive	0
Registrar	100
STUN Enable	Disable ▾
STUN Server	
Register Status	OK
Phone Status	IDLE

- STEP 3:** Repeat the same configuration steps on VIP-158-B, and check the machine registration status, make sure the registrations are completed.
- STEP 4:** To verify the VoIP communication, please pick up the telephone. Dial the destination number to make call between SIP clients. For example, VIP-158-A (with number 100) with keypad number 200 to VIP-158-B, or reversely makes calls from SIP client (VIP-158-B) to the number 100 (VIP-158-A).

Quick reference in CD-ROM guide

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

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