



UIP1868P/UIP165P/UIP160P

User Interface Guide

(Firmware version 0.13.4 and later)

V1.2

Tuesday, June 13, 2006

Table of Contents

Opening the UIP1868P/UIP165P/UIP160P's Configuration Utility.....	3
Connecting to Your Broadband Modem	5
Setting up with DHCP.....	5
Setting up with PPPoE	7
Connecting Local Computers.....	9
Connecting a single computer	9
Connecting a local network	9
Supporting a host server on the local network (port forwarding)	9
Setting up a DMZ	10
Detailed Screen Reference	12
WAN Menu.....	12
WAN Status.....	12
WAN Configuration.....	13
PPPoE.....	14
MAC Cloning	15
LAN Menu	15
LAN Configuration	15
DHCP Client Table	17
Router Configuration.....	19
Dynamic Routing	19
Static Routing	19
Port Forwarding	20
Port Triggering.....	21

Address Filtering Configuration.....	21
DMZ Host Configuration	22
SYSTEM Menu	23
Set Security Password.....	23
Localization	23
Call Log	24
Error Log	24
Data Pass-Through Configuration.....	25
Upgrade Firmware Menu.....	26
RESET Menu	27

Opening the UIP1868P/UIP165P/UIP160P's Configuration Utility

Your VoIP phone provides a browser-based configuration utility; you can configure the phone using the same web browser you use to surf the Internet. To open your phone's configuration utility, follow these instructions:

1. Connect a computer with a web browser directly to the LAN port of your UIP1868P/UIP165P/UIP160P. (You may be able to connect to the Packet8 Phone through a router or wireless access point, but if you have any difficulty connecting, try connecting directly to the LAN Ethernet port.)
2. Be sure that this computer is configured to dynamically get an IP address (e.g., has the DHCP client enabled).
3. Type the IP address of your Packet8 Phone into the address bar of your web browser. The default IP address of the UIP1868P is **192.168.15.1**. The default IP address of the UIP165P/UIP160P is **192.168.88.1**.

 *Note: If you change the LAN IP address of your phone, be sure to make note of it.*



 *Note: The UIP1868P default IP address is **192.168.15.1***

4. When the phone prompts you for a password, type *admin* (all lower case) and press **Enter**.
5. You should now see the your UIP1868P/UIP165P/UIP160P's System Information Screen:

Uniden® UIP1868P		Powered By: Packet8
Home WAN LAN System Upgrade Firmware Reset	Home Welcome to the UIP1868P configuration utility. Select from the configuration options in the menu on the left.	
System Information		
System Uptime:	0 days, 0h 6m 58s	
LAN IP Address:	192.168.15.1 (Static)	
LAN MAC Address:	00:30:96:c0:4b:87	
WAN IP Address:	172.20.5.32 (Dynamic)	
WAN MAC Address:	00:30:96:c0:4b:87	
SIP Server:	proxy1-eqlix-sjo.packet8.net: 15062	
Security:	No password installed	
Application Code Version:	DTA version 1.0 US (8x8 001309)	
Downloader Code Version:	1.0 US (8x8 010207)	



If you have any trouble opening the utility, first check the connection between your computer and your VoIP Phone. Then, reboot your computer while it is connected to the UIP1868P/UIP165P/UIP160P.

Connecting to Your Broadband Modem

Setting up with DHCP

The UIP1868P/UIP165P/UIP160P is configured for use with Dynamic Host Configuration Protocol (DHCP) by default. If your broadband connection uses DHCP, then you simply have to connect your phone's WAN port to your broadband modem and then connect the power on the phone. (See the Quick Reference Guide or the Owner's Manual for detailed connection diagrams.)

If you have disabled the DHCP client (for example, if you have used your phone in a network requiring either PPPoE or a static IP address) and need to re-enable it, follow the steps below.

1. Open the configuration utility.
2. In the menu bar down the left side of the screen, select *WAN*.
3. In the top menu bar, select *WAN Settings*. This will open the Wan Configuration screen.

WAN Configuration

Host Name:

Domain Name:

MTU: (Default value: PPPoE 1454, Static/Dynamic 1500)

Obtain WAN configuration dynamically

Specify fixed WAN configuration

IP Address:

IP Netmask:

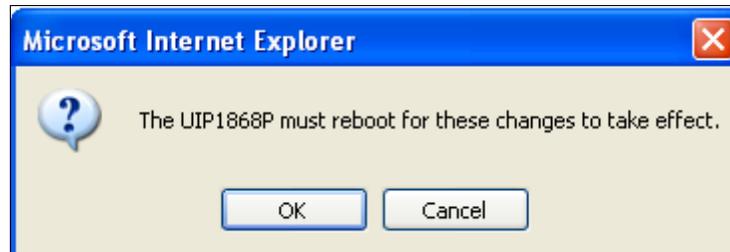
IP Gateway:

DNS Server 1:

DNS Server 2:

DNS Server 3:

4. Select the radio button labeled **OBTAIN WAN CONFIGURATION DYNAMICALLY**.
5. Click **SAVE WAN CONFIGURATION**.
6. When the utility displays a window telling you it must reboot the phone, make sure your broadband modem is connected to your phone's WAN port, then click **OK**. When the phone finishes rebooting, it will ask your broadband modem to assign an IP address.



Setting up with PPPoE

Point to Point Protocol over Ethernet (PPPoE) is often used by DSL broadband providers to connect and authenticate users on their networks. The service provider will give you a user name and password, and usually some additional software you need to run in order to go online. The UIP1868P/UIP165P/UIP160P can take the place of the additional PPPoE software, allowing you to establish and maintain your broadband connection without running any extra programs on your computer.

Follow the steps below to configure the Packet8 Phone to use a PPPoE-based connection.

1. Open the configuration utility.
2. In the menu bar down the left side of the screen, select *WAN*.
3. In the menu bar on the top of the screen, select *PPPoE*. This opens the WAN PPPoE Configuration screen.

WAN PPPoE Configuration

Enable PPPoE:

Authentication

Username:

Password:

Settings

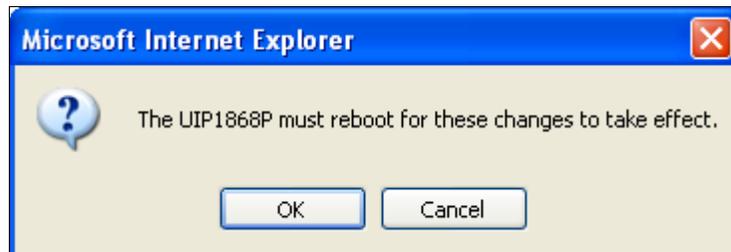
Connect on Demand: Max Idle Time minutes

Keepalive

4. Under **ENABLE PPPOE**, click the drop-down arrow and select **YES**.
5. Under Authentication, enter the **USERNAME** and **PASSWORD** that were provided by your ISP. Username and password are often case-sensitive, so be sure enter capital and small letters correctly.
6. Under Settings, select the radio button labeled **KEEPALIVE**. This configures the phone to maintain the PPPoE connection even when your computer is idle or turned off.

 *If you disable the **KEEPALIVE** function, your phone may not receive all incoming calls that occur when your computer is idle.*

7. When the utility displays a window telling you it must reboot the phone, make sure your broadband modem is connected to your phone's WAN port, then click **OK**. When the phone finishes rebooting, it will ask your broadband modem to assign an IP address.



Connecting Local Computers

Connecting a single computer

If you want to connect a single computer to the Internet through your UIP1868P/UIP165P/UIP160P, use a standard CAT5 Ethernet cable to connect the Packet8 Phone's LAN port to your computer's Ethernet port. You may have to reboot your computer after you connect it to the phone, but no other configuration should be necessary.

Connecting a local network

If you have more than one device you want to connect to the Internet, then you will need to use a device such as a router. We recommend that you connect your Router to your Broadband modem and the UIP1868P/UIP165P/UIP160P to one of the LAN ports of your router to ease installation. If you find that network activity (file downloading, gaming, etc) causes interference with your phone call then you can connect your phone directly to the modem to improve performance. The UIP1868P performs Quality of Service (QoS) function that improve voice quality of busy networks.

Supporting a host server on the local network (port forwarding)

If you plan to set up a computer on your local network to host files or programs accessible to the Internet, you will need to configure your Packet8 Phone to forward the data associated with the specific type of service you want to support (such as a web server, an FTP server, game server, etc.) to the host server. Internet protocol separates data traffic for different services into port ranges. To configure the UIP1868P/UIP165P/UIP160P to forward any data that comes in on the port range of the service you want to support, follow the steps below.

1. Determine the TCP/UDP ports used by the application you are hosting. A list of commonly used ports can be found at <http://www.iana.org/assignments/port-numbers>.
2. Open the configuration utility.
3. In the menu bar down the left side of the screen, select *LAN*.
4. In the menu bar on the top of the screen, select *Port Forwarding*. This opens the Port Forwarding Configuration screen.

Port Forwarding Configuration

Reserved Ports
The following ports have been reserved by the CPE, and may not be forwarded to the LAN
68, 37630, 8000-8019

Port Forwarding to LAN

Port Range	Protocol	Destination Address	
<input style="width: 50px;" type="text"/> - <input style="width: 50px;" type="text"/>	Both ▼	192.168.15. <input style="width: 50px;" type="text"/>	<input type="button" value="Add"/>

5. Under *Port Range*, enter the first port of the range you want to forward in the first box and the last port of the range in the second box. If the service you are supporting only uses one port, enter the same port number in both boxes.

 *Ports in each range must be consecutive. If your service uses non-consecutive ports, simply enter them as two separate port ranges.*

6. Under *Protocol*, select whether the ports in the range are UDP ports, TCP ports, or BOTH.
7. Under *Destination Address*, enter the IP address of the computer you want the data sent to.
8. Click **ADD**. The port range will be added to the list of forwarded ports.
9. Repeat steps 5 through 8 for any additional ports ranges you want to forward. To remove any port ranges from the list of forwarded ports, click the **REMOVE** button beside the port range you want to delete.

Setting up a DMZ

If you want to have one computer on your network receive all un-forwarded data that arrives at your firewall (for instance, because you want to monitor network traffic on the WAN side or you have one computer running too many services to configure all the forwarded ports), you can establish a single computer as a *DMZ*. Any data that is not in a port forwarding range will be sent to the DMZ. Follow the steps below to configure a computer as a DMZ.

CAUTION

The UIP1868P/UIP165P/UIP160P cannot protect a computer running as a DMZ from malicious access. Any computer running as a DMZ should be running a PC based firewall.

 *Traffic sent to the DMZ is still subject to translation by NAT. This means that applications that are damaged by NAT will still be affected.*

1. Open the configuration utility.
2. In the menu bar down the left side of the screen, select *LAN*.
3. In the menu bar across the top of the screen, select *DMZ*. This will open the DMZ Host Configuration screen.



DMZ Host Configuration

DMZ Host IP Address: 192.168.15.

Save DMZ Host Configuration

1. Enter the IP address of the computer you wish to configure as a DMZ and click **SAVE DMZ HOST CONFIGURATION**.

Detailed Screen Reference

WAN Menu

WAN Status

The WAN Status screen displays information about the connection between the UIP1868P/UIP165P/UIP160P and the DSL or cable modem.

WAN Status

Interface Status

Enabled:	Yes
Protocol:	Ethernet
Interface Status:	Up

Network Settings

Dynamic IP Assignment:	YES (via DHCP)
IP Address:	192.168.15.1
MAC Address:	00:01:1d:10:67:75
Subnet Mask:	255.255.255.0
DNS Server(s):	192.84.19.228
Domain Name:	
VLAN Tag:	Not set
Priority Tag:	Not set

Interface Status

ENABLED	YES indicates the WAN interface has been activated. NO indicates the interface has not been activated.
PROTOCOL	Displays the protocol the UIP1868P/UIP165P/UIP160P uses to communicate with the modem.
INTERFACE STATUS	UP indicates the interface is functioning. DOWN indicates the interface is not functioning.

Network Settings

DYNAMIC IP ASSIGNMENT	Shows whether the UIP1868P/UIP165P/UIP160P is configured to receive an IP address automatically from the modem or the service provider.
IP ADDRESS	Displays the UIP1868P/UIP165P/UIP160P's IP address.
MAC ADDRESS	Displays the UIP1868P/UIP165P/UIP160P's MAC (hardware) address.
SUBNET MASK	Displays the UIP1868P/UIP165P/UIP160P's subnet mask.
DNS ADDRESS	Display the IP address of the Domain Name System (DNS) server used by your service provider.
DOMAIN NAME	Displays the domain name of the WAN-side (service provider's) network.

WAN Configuration

The WAN Configuration screen allows you to set the UIP1868P/UIP165P/UIP160P to operate with your DSL/cable modem.

WAN Configuration

Host Name:

Domain Name:

MTU: (Default value: PPPoE 1454, Static/Dynamic 1500)

Obtain WAN configuration dynamically

Specify fixed WAN configuration

IP Address:

IP Netmask:

IP Gateway:

DNS Server 1:

DNS Server 2:

DNS Server 3:

CAUTION

Saving the WAN Configuration reboots the UIP1868P/UIP165P/UIP160P.

Host Name

Enter the Hostname you would like your Packet8 Phone to use

Domain Name

Enter the domain name of the host your Packet8 Phone will use.

MTU

Enter the maximum transmission unit (the largest block of data) your DSL/cable modem can accept. While your IP Phone is configured to use PPPoE your MTUs will need to be set no higher than 1454

Obtain WAN configuration dynamically

Select this option if you do not have a static IP address; the UIP1868P/UIP165P/UIP160P will automatically obtain its IP address and other information from your service provider.

Specify fixed WAN configuration

If your provider gave you a static IP address, select this option and fill out all the information below:

- IP ADDRESS** Enter the IP address you received from your service provider in the following format: XXX.XXX.XXX.X
- SUBNET MASK** Enter the subnet mask you received from your service provider in the following format: XXX.XXX.XXX.X
- DEFAULT GATEWAY** Enter the default gateway address in the following format: XXX.XXX.XXX.X This is the IP address of your service provider's router.
- DNS ADDRESS** Enter the IP address of the Domain Name System (DNS) server used by your service provider. Use the following format: XXX.XXX.XXX.X

PPPoE

The WAN PPPoE screen configures the UIP1868P/UIP165P/UIP160P to support point-to-point protocol over Ethernet.

WAN PPPoE Configuration

Enable PPPoE:

Authentication

Username:

Password:

Settings

Connect on Demand: Max Idle Time minutes

Keepalive

CAUTION

Saving the PPPoE Configuration reboots the UIP1868P/UIP165P/UIP160P.

Enable PPPoE

Select YES to activate the PPPoE protocol.

Authentication

Enter the USERNAME and PASSWORD you use to login to the PPPoE service.

Settings

Connect on Demand

Select this option to have the adaptor only connect to the PPPoE service whenever your computer sends a request. If your computer remains idle, the UIP1868P/UIP165P/UIP160P will disconnect the PPPoE service.

Max Idle Time

Enter the number of minutes your computer must be idle (no keys are pressed) before the UIP1868P/UIP165P/UIP160P disconnects the PPPoE service.

Keepalive

Select this option to have the UIP1868P/UIP165P/UIP160P maintain the PPPoE connection even while your computer is idle.

MAC Cloning

The MAC address is a unique hardware address assigned to each Ethernet device. If your provider requires you to have a single MAC address, enter the MAC address that your provider expects. The UIP1868P/UIP165P/UIP160P will then transmit all packets as if they originated from that MAC address.

MAC Cloning Configuration

Please enter the MAC address in xxxxxxxxxx format.

WAN MAC Address (Cloned):

LAN Menu

LAN Configuration

The LAN Configuration screen controls the IP address of the LAN port on the UIP1868P/UIP165P/UIP160P. If you have another device controlling IP address assignments on your local network, you may need to change the UIP1868P/UIP165P/UIP160P's local IP address to place it on the same network and subnet.

LAN Configuration

Network Configuration

IP Address:

Subnet Mask:

DHCP Server Configuration

The DHCP Server Configuration screen enables the router to automatically assign IP address to attached computers using the Dynamic Host Control Protocol.

DHCP Server Configuration

Server Configuration

Enabled
 Disabled

Client IP Address Range: 192.168.15. -

Client Network Information

Domain Name:

DNS Server 1: 192.168.15.1 2:

Static Address Assignments

Identify Using	Host Identifier	Internal Address	
<input type="text" value="Hostname"/> <input type="button" value="v"/>	<input type="text"/>	192.168.15. <input type="text"/>	<input type="button" value="Add"/>

Server Configuration

Select **ENABLED** to activate the DHCP server and have the UIP1868P/UIP165P/UIP160P assign IP addresses for connected devices.

Client IP Address Range

Enter the range of IP addresses available to local devices. The UIP1868P/UIP165P/UIP160P can support 32 IP addresses, and the address range must be consecutive numbers between 1 and 255.

Client Network Information**Domain Name**

Enter the domain name used by the local LAN, if any.

DNS Server 1 & 2

Enter the IP addresses of the primary (1st) and secondary (2nd) DNS servers used by the local LAN.

Static Address Assignments

Complete this information to make the UIP1868P/UIP165P/UIP160P assign the same IP address to a device every time. Assign a static IP address if the device serves as a host for any Internet services. You can assign up to eight static IP addresses.

To assign new static IP addresses, click *Add*. Once a static IP address is assigned, you can remove it by clicking the *Remove* button beside it.

Identify Using

Select whether you want to identify the local device by a **HOST NAME** or by the **MAC ADDRESS**.

Host Identifier

Enter the name or the MAC address of the host.

Internal Address

Enter the IP address you want the DHCP server to assign to this device.

DHCP Client Table

The DHCP Client Table screen displays the name and ID (based on the MAC address) of connected devices; it also shows the IP address and how long each address is leased.

Computer Name	Client ID	IP Address	Lease Time
MK2460WNXP	01000D56C7E15E	192.168.15.100	0d:23h:43m:18s

Update Close Clear client binding table

Router Configuration

Router Configuration

Dynamic Routing
 RX Mode: TX Mode:

Static Routing

Dest IP Address	Subnet Mask	Gateway IP	Metric	Interface	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="LAN"/>	<input type="button" value="Add"/>

Dynamic Routing

Dynamic routing allows the UIP1868P/UIP165P/UIP160P to learn routing tables from other network devices by means of the Routing Information Protocol (RIP). With RIP, network devices can broadcast messages containing information on the status of network connections.

its connections. RX Mode means we listen to and process RIP messages, TX Mode means we send RIP information to other routers..

RX Mode

Select **ENABLED** to have the UIP1868P/UIP165P/UIP160P process any RIP messages it receives from other network devices. Select **DISABLED** to have the UIP1868P/UIP165P/UIP160P ignore any RIP messages it receives.

TX Mode

Select **ENABLED** to have the UIP1868P/UIP165P/UIP160P broadcast RIP messages to other network devices. Select **DISABLED** to prevent the UIP1868P/UIP165P/UIP160P from broadcasting RIP messages.

Static Routing

Static routing lets you configure particular IP addresses to be routed to the LAN port or the WAN port of the adapter.

Dest IP Address

Enter the IP address of the device you want to configure static routing for. Any Ethernet packets destined for this IP address will be routed according to this configuration.

Subnet Mask

Enter the subnet mask of the destination device.

Gateway IP

Enter the IP address of the gateway (i.e., the next router in the network path) to the destination device.

Metric

Enter the metric associated with this static route. The Metric field corresponds roughly to the number of hops it takes to get to the network or host being entered.

Interface

Select **LAN** to route packets destined for this device to the LAN port; Select **WAN** to route packets destined for this device to the WAN port.

Port Forwarding

The Internet uses *ports* to specify different types of service requests. For instance, an email message contains a code for port 110 (POP3 mail services) while a web page request contains a code for port 80 (HTTP services). This allows the router to send the requests to the correct host: any marked as port 110 is routed to the mail server, and any data marked as port 80 is routed to the web server.

If you want to set up one or more computers as a host, you must tell the router what services should be sent to that host. This configuration is called *port forwarding*. There are over four thousand ports defined for different services. Of these, about one thousand are used most often and considered “well-known” ports. Complete lists of all well-known ports are available on the Internet; search for “well-known ports”.

Port Forwarding Configuration

Reserved Ports
 The following ports have been reserved by the CPE, and may not be forwarded to the LAN
68, 47150-47151, 8000-8019

Port Forwarding to LAN

Port Range	Protocol	Destination Address	
		192.168.15.	Add

Reserved Ports

The adaptor reserves ports 5060-5061 and 10000-10015.

Port Forwarding to LAN

PORT RANGE

Enter the first and last numbers of the port range you want to map to this computer. If you want to forward a single port only, enter the same port number in both spaces.

NOTE: Port ranges are consecutive. If you need to assign non-consecutive ports to a computer, you must enter that computer twice with different port ranges.

PROTOCOL	Select TCP , UDP , or BOTH (TCP/UDP) according to the needs of your network.
DESTINATION ADDRESS	Enter the IP address of the computer you want to use as the host computer for these services, then click ADD .

Port Triggering

Port triggering is essentially dynamic port forwarding. With port triggering, data received on the specified ports is only forwarded to the LAN when outbound data from the local computer enables or "triggers" the forwarding. This feature is useful for services that require a response from the server, but the response may come in on a different port.

For example, connecting to an IRC server uses the port range 6660-6670. After your computer connects to the IRC server, the server confirms the connection on port 113. In this case, you would set ports 6660-6670 as the trigger (outbound data) port range and 113-113 as the incoming (reply data) port range. When your computer sends data out on port 6660, the UIP1868P/UIP165P/UIP160P will then temporarily forward data received on port 113 to your LAN.

Port Triggering Configuration

Trigger Port Range	Incoming Port Range	
<input style="width: 40px; height: 20px;" type="text"/> ~ <input style="width: 40px; height: 20px;" type="text"/>	<input style="width: 40px; height: 20px;" type="text"/> ~ <input style="width: 40px; height: 20px;" type="text"/>	<input type="button" value="Add"/>

Address Filtering Configuration

The Address Filtering Configuration screen lets you block certain computers from accessing the Internet or from accessing certain services on the Internet. You can filter computers by IP address or by MAC address.

Address Filtering Configuration

Filtering can prevent certain PCs on your LAN from accessing the internet connection.

Blocked Private IP Range

192.168.15. ~

Blocked Private Port Range (0 ~ 65535)

~

Blocked MAC Address

Please enter the MAC address in xxxxxxxxxx format.

Blocked Private IP Range

Enter the range of IP addresses you want to block from accessing the Internet connection.

Blocked Private Port Range (0 ~ 65535)

Enter the range of port numbers that define the Internet services you want to block access to; you must also specify whether these port numbers use the **TCP** standard, the **UDP** standard, or **BOTH**.

Blocked MAC Address

Enter the MAC or hardware address of any computers you want block from accessing the Internet connection. Enter the 12 characters of the MAC address with no spaces or punctuation.

DMZ Host Configuration

If you want to have one computer on your network receive all un-forwarded data that arrives at your firewall (for instance, because you want to monitor network traffic on the WAN side or you have one computer running too many services to configure all the forwarded ports), you can establish a single computer as a *DMZ*. Any data that is not in a port forwarding range will be sent to the DMZ. Follow the steps below to configure a computer as a DMZ.

CAUTION

The UIP1868P/UIP165P/UIP160P cannot protect a computer configured to operate as the DMZ from malicious access.

 *Traffic sent to the DMZ is still subject to translation by NAT. This means that applications that are damaged by NAT will still be affected.*

DMZ Host Configuration

DMZ Host IP Address: 192.168.15.

SYSTEM Menu

Set Security Password

Set Security Password

No password installed

New password:

Confirm new password:

New password

Enter the password you want to use for this account.

Confirm new password

Enter the same password again for confirmation.

Localization

The Localization screen controls the time and place settings.

Localization

Country:

NTP Server:

Time Zone:

Adjust clock for daylight savings

Country

Select the country the UIP1868P/UIP165P/UIP160P is currently operating in.

NTP Server

Enter the Network Time Protocol (NTP) server you want the UIP1868P/UIP165P/UIP160P to use to automatically update the date and time settings. If you don't enter an NTP server, the time and date stamp on Caller ID messages may not work correctly.

Time Zone

Select the time zone where the UIP1868P/UIP165P/UIP160P is currently operating.

Adjust clock for daylight savings

Select this box to have the UIP1868P/UIP165P/UIP160P automatically adjust the time one hour for Daylight Standard Time (DST). If your area does not observe DST, do not enable this option.

Call Log

The Call Log displays the last 10 calls received or transmitted by the UIP1868P/UIP165P/UIP160P.

Call Log (Last 10 calls)

Date/Time	Line	I/O	Number	Call-ID	Audio/RTP statistics
------------------	-------------	------------	---------------	----------------	-----------------------------

NOTE: This call log is temporary and will be lost if the UIP1868P is rebooted

DATE/TIME	Displays the date and time of the call.
LINE	Displays the line the call used.
I/O	Displays whether the call was inbound our outbound.
NUMBER	Displays the phone number of the other party to the call.
CALL-ID	Displays the Call-Id header value in the SIP messages. Your service provider uses this information to locate/manage calls during troubleshooting.
AUDIO/RTP STATISTICS	Displays RTP/RTCP statistics for the call (e.g. the number and percentage of lost packets, jitter, latency etc.)

Error Log

The error log screen is used for gathering diagnostic information that could be used later by a Packet8 technician to help investigate a network problem or a disruption of service. This screen will be needed if you call Packet8 customer support

System Error Log

- 0. <Empty Log>
- 1. <Empty Log>
- 2. <Empty Log>
- 3. <Empty Log>
- 4. <Empty Log>
- 5. <Empty Log>
- 6. <Empty Log>
- 7. <Empty Log>
- 8. <Empty Log>
- 9. <Empty Log>

Update

Data Pass-Through Configuration

Most of the features on the Data Pass-Through Configuration screen relate to virtual private network (VPN) functions. Select the box beside the feature to activate it.

Data Pass Through Configuration

Enable PPTP Pass Through:

Enable Multicast Pass Through:

Enable IPsec (no encapsulation) Pass Through:

Enable Blocking WAN Request:

Save Data Pass Through Configuration

Enable PPTP Pass Through

The PPTP pass through feature passes any packets using the point-to-point tunneling protocol through to the local LAN.

Enable Multicast Pass Through

The multicast pass through feature passes any IP multicast packets through to the local LAN.

Enable IPsec (no encapsulation) Pass Through

The IPsec feature passes any packets bearing an IP security header through to the local LAN.

Enable Blocking WAN Request

The Block WAN Request feature prevents your computers from being detected by other Internet users and hides your network ports, making it very difficult for outside users to access your local LAN.

Upgrade Firmware Menu

Upgrade Firmware

Warning! The firmware upgrade process will reset the unit into the upgrader mode. This will terminate all network connections and reset your browser connection.

Filename:

Upgrades will automatically be performed by your UIP1868P/UIP165P/UIP160P periodically as upgrades become available. This feature is included to allow packet8 upgrading options for future product enhancement

CAUTION

The Upgrade Firmware process will reset the unit into the Upgrade Firmware mode. This will terminate all network connections and reset your browser connection.

The Upgrade Firmware screen is used to update the firmware in your UIP1868P/UIP165P/UIP160P. You should not use the Upgrade Firmware screen except on the advice of a Customer Service Representative.

RESET Menu

Reset

Warning! Resetting the system will terminate all network connections and reset your browser connection.

Reset and execute Main Application

Reset and execute Downloader Application

CAUTION! Resetting the system will terminate all network connections and reset your browser connection.

Reset and execute Main Application

Select this option to reset the UIP1868P/UIP165P/UIP160P.

Reset and Execute Downloader Application

Select this option to have the UIP1868P/UIP165P/UIP160P reset and automatically go into the Upgrade Firmware mode.

CAUTION

Resetting into the Upgrade Firmware mode will terminate all network connections and reset your browser connection. You should not use the Reset and Execute Downloader Application option except on the advice of a Customer Service Representative.
