IP Power 9255Pro User Manual

Release Date: 11/30/2019
Manual Version: 1.12
Firmware: Ver. 4.03

Ref#92550806002

Warning: Any changes made to this equipment without permission may cause damages to the device!

IMPORTANT NOTICE

1. IP Power 9255Pro was designed to be used with a protective covering, the user is responsible for any damages caused from misuse, use under inappropriate conditions or from wrong power adaptor.
2. Please use the power adapter provided by the dealer, the manufacturer is not responsible for any damage caused from using power adapters not.
3. Do not shake the IP Power 9255Pro in any fashion
4. Please contact the dealer If IP Power 9255Pro is not working properly.

Instant Plug and Play……
7 Global Socket Types……

9255GE   9255UK   9255FR

9255US   9255AU   9255SW   9255DK
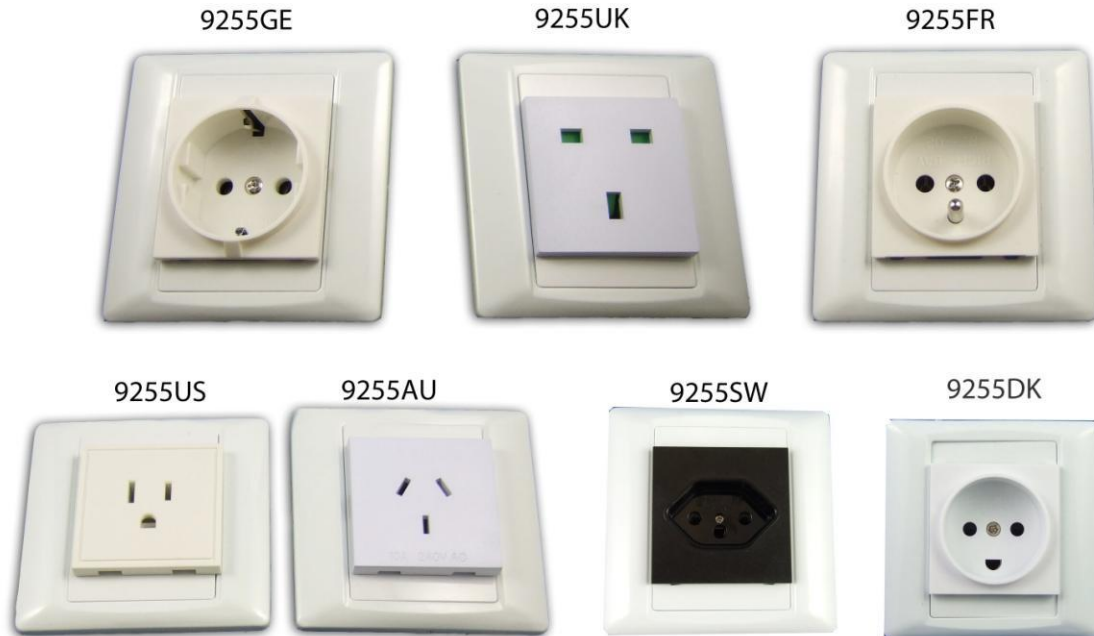
Table of Contents

1.) Welcome

Introduction

The **9255Pro** is an industrial grade single port relay perfect to power management through an Ethernet connection. This device can easily integrate with other devices and allow power control with your integrated system.

In the tiny device, user can **Detect consume current** and control their pocket and child can touch the plug safely as there is **Power leakage protection** plug design With **zero cross circuit** design make **9255Pro** the most friendly IP Power for family application in the world . With **leakage protection design** in 9255Pro, user at any age can even tough the plug without problem .

With the **9255Pro** robust design and high quality components it provides an added incentive to other devices or can be used independently. The **9255Pro** brings an economical solution to a professional industry power , human resource and time.

Minimum System Requirements

CPU Minimum Requirements
- Intel(R), Pentium(R), DUAL Core (D),CPU 3.0GHz or equivalent

Operating Systems:
- Windows Operating Systems (IE5.0+SPI & Firefox)
- 512 MB system memory or above
- 10/100m Ethernet switch/hub
- Ethernet network port/card
- Network cable
- Internet (For remote access) or Ethernet Network (Internal Network use) with some type of Internet connection, (i.e. ADSL, Cable, Dial up or any other forms of Internet service)

Software
Windows XP Service Pack 2 or above.
Resolution of screen setting: 800x600 or higher

2.) Product Overview

Features

1. **Inrush Current** - HI-Grade relay select for extra protection
2. Designed to control **T5 fluorescent lighting** - energy savings & increasing brightness
3. Has detection of " **Current** " and " **Temperature** "
4. Supports " **Zero Cross** " to protect relay contacts and to suppress noise generated
   when the load current rises suddenly .
5. Embedded web server - No PC is required for it to work
6. Industrial single port Relay design network controller.
7. Accessible with popular web browsers - IE , Google Chrome & Firefox.
8. Supports up to maximum current: 8 Amp.
9. **Power surge protection** design to protect against high voltage power surge.
10. **Power leakage protection - turn off as leakage over 3mA**
11. Designed to meet high voltage and current safety standard design and regulation.
12. Wide range of electric Power Module can be used in both 110V & 220V
13. **Watch Dog** --Auto Ping
14. Network protocols : Http, DDNS, DHCP,SNMP,SMTP, Virtual and Dynamic IP.
15. **Time Schedule** -- pre-set your planned time to switch on/off
16. **CNT technology** -- Just Plug & Play no need to port forward
17. **SDK** provided for own software development.
18. **Smartphone** and IOS supported.
19. Seven different countries power socket type for choosing -
     " US . UK. Germany. France. Australia . Swiss. Danish "
20. Compact size for small space or limited room area .

Specification

Power Cable Input:
Specification: 10AMP 18AWG 0.75 x 3C (Standard PC Power Cable)

Weight: 196g (without packaging) .

Dimensions:
(L x W x H): 85 x 70 x 85 mm

Relay Specification:
Regular Use: Max. 8A / port
T5 fluorescent light control: 240Watt

Ref#92550806002

Package Contents

1.) **9255Pro** Unit x 1	
2.) Installation CD	CD contain manual, software, and documentation
3.) Standard PC Power Cable (Optional)	Specification: 10AMP 18AWG 0.75 x 3C

3.) Interface Description

Hardware Interface
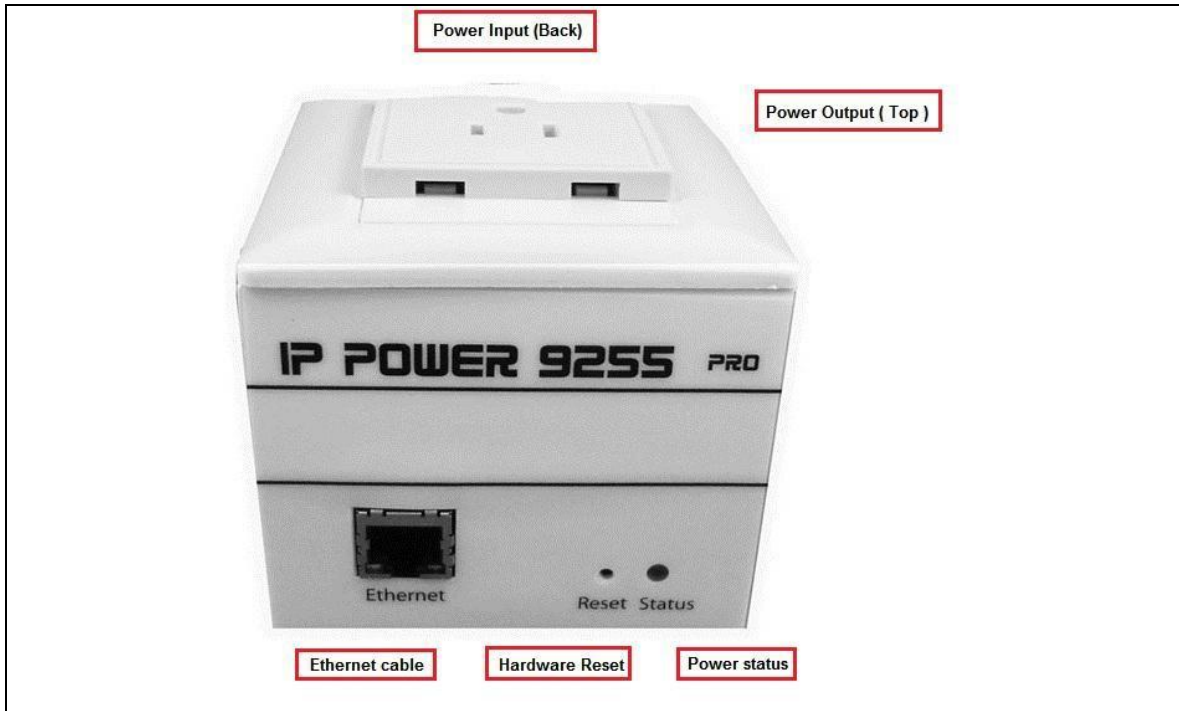
Power Cable Input:	The Power Input locates on the back of the device.
Power Output	The Power output is on the top of the device. Simply plug & play in the device that you would like to power control. (Comes in different plug standards)
RJ45 Ethernet:	Plug in the RJ45 Ethernet cable to the Ethernet port
RESET	To revert to manufacturer default, hold down for 7-9 seconds until you hear 2 long beeps.
Status Indicator	**Red Status Indicator**: Output port is set to off **Green Status Indicator**: Output is On

4.) Setting up your Device

Before we Start

*Before setting up the device make sure of the following:
1.)   All the package contents are all included if anything is missing please contact the dealer where the device was purchased from.
2.)   Check that the power input cable is working correctly.
3.)   Check the cables to make sure there are no problems with the cable.

Setup for Internet Access

To access the 9255Pro from the internet, the router will require port forwarding to be activated for your IP Power device.

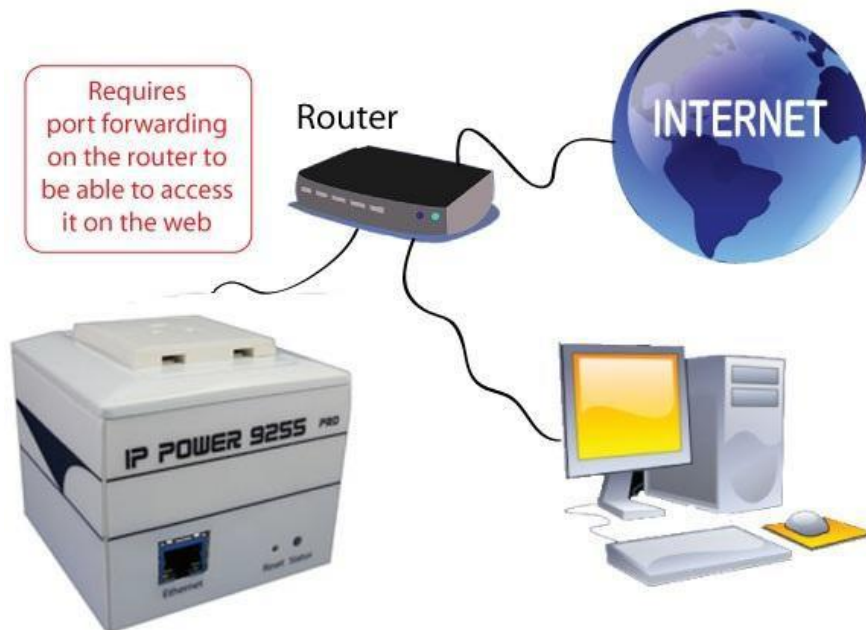* Please refer to your routers manual on how to port forward the device.

For example

9255Pro IP Address: 192.168.100.200
Port: 8080

* On the router you will need to port forward both TCP / UDP to the IP Address 192.168.100.200 on Port 8080.

9255Pro Quick Installation

1.) Connect the Ethernet cable (RJ45) to the 9255 to your local area network.
2.) Then connect the power cable into the power cable input of the 9255.
3.) Connect the device that you would like to control to the output plug on the top of the 9255.
4.) Open the IP Edit device search tool from the CD.
5.) The device will automatically be set to DHCP and will show on IP Edit. (Refer to Using IP Edit for more details)

    a. If no DHCP is detected the default IP and Login for the device will be the following

       Default IP: 192.168.1.100 (When no DHCP is apparent)
       Default Login: admin
       Default Password: 12345678

6.) Then on IP Edit double click on your device and a Internet Explorer window will appear with the login screen.

7.) Simply login with the default login and password.

       Default Login: admin
       Default Password: 12345678

Using IP Edit

IP Edit is a search tool designed to search, configure, or access the IP Power 9255 from a local networked computer.

IP Power 9255 Default Login / Password

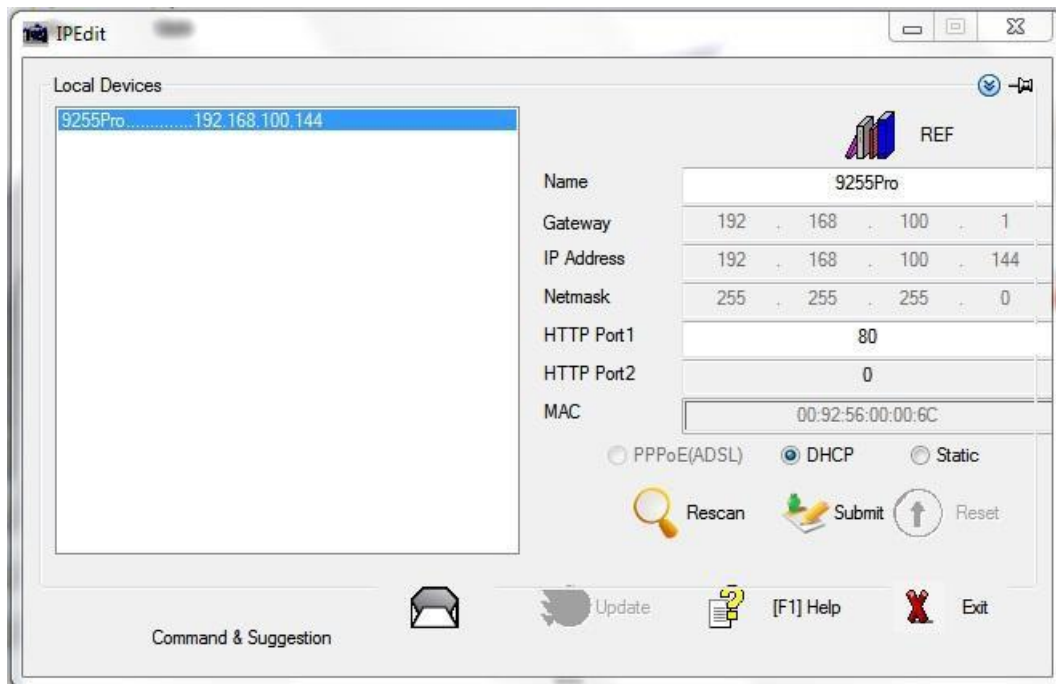**Default IP**: 192.168.1.100 (When no DHCP is apparent)
Default Login: admin
Default Password: 12345678

1.) Insert the CD provided with the product
2.) Install the software IP Edit to the desktop of your computer.
3.) Open IP Edit by clicking on the icon

4.) In the local devices section you will see your device show up if connected correctly.

5.) Select the 9255 device and the device information will populate on the right.
6.) Check to see that the gateway IP and the IP Address (9255) match your current network.

If not, type in the correct information, then hit the submit button to save changes.

For example:
If you have the following information regarding the 9255 and your network

Gateway: 192.168.1.1
Computer IP Address: 192.168.1.122
9255 IP Address: 192.155.2.26
Sub Netmask: 255.255.255.0
Port: 8080

Since the IP Address of the 9255 is the following: 192.155.2.26

You will need to make sure that the first 3 segments of your 9255 IP Address must match the first 3 segments of your gateway IP.

First 3 Segment of Gateway Address: 192.168.1.X
So your new IP Address for the 9255 should be: 192.168.1.26

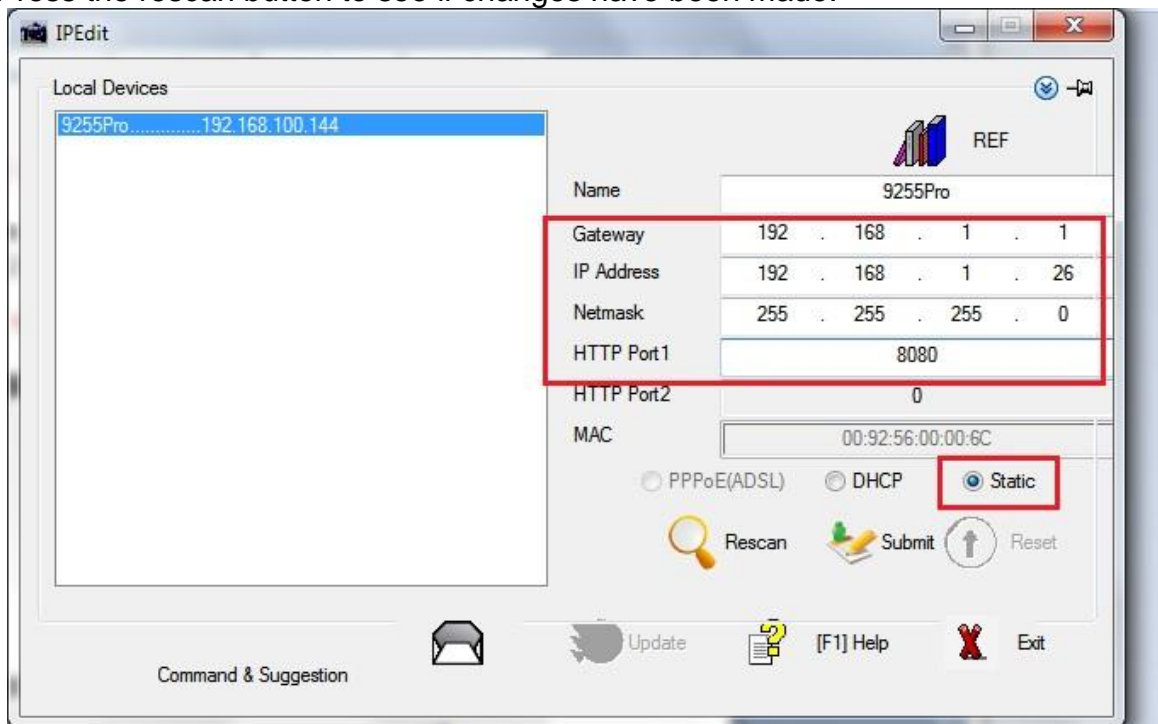**New Network Information**

9255 IP Address: 192.168.1.26
Gateway Address: 192.168.1.1
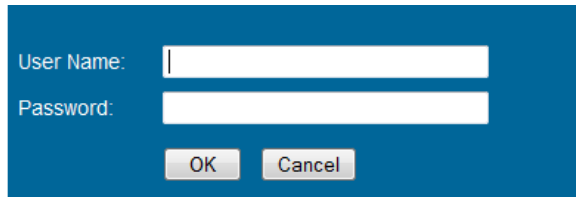**Local Computer IP Address**: 192.168.1.122
Sub Netmask: 255.255.255.0
Port: 8080

7.) Press the rescan button to see if changes have been made.

8.) Double click on the device in the local device section and an IE web browser with the device login will pop up.

User Name: |
Password:
OK   Cancel

9.) Type in the default login and IP Address to enter the device.

New Network Information

9255Pro IP Address: 192.168.1.26
Gateway Address: 192.168.1.1
Local Computer IP Address: 192.168.1.122
Sub Netmask: 255.255.255.0
Port: 8080

Default Login/Password: admin/12345678

Using IP Service

IP Service is a feature which allows you to search for the device easily without having to remember long complicated IP addresses. Instead, all you need to know is the device name of your IP Power device and you can easily find it on IP Service.

In the IP 9255Pro under the system configuration page, you can select the IP server that you would like the 9255Pro to go to. You can select from the Aviosys server or the Cloud Server. This function must be turned on to work.

* IP Power 9255Pro must be port forwarded for IP Service to work correctly.

1.) Open IP Edit and Select the server that your 9255Pro is designated to.

2.) **Hit the green connect button on the top of IPEdit.**
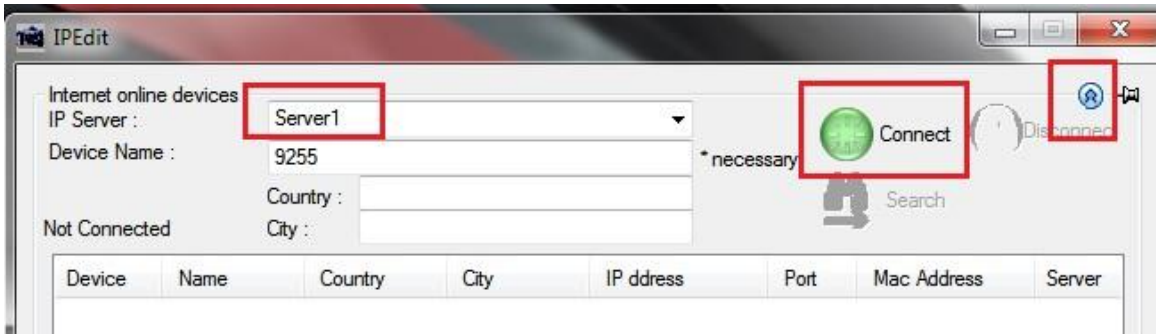
3.) Then type in the 9255Pro Name that you have selected for the device and
press the search button.

4.) Find your device and double click on the screen and a IE window will pop up
connecting to your device.
Your device must be Port forwarded for the login screen to appear.
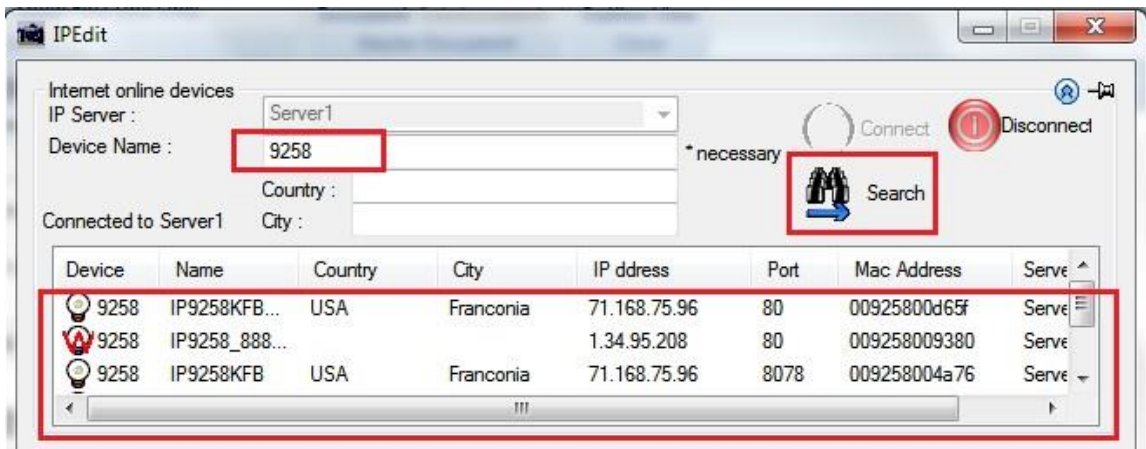
5.) After you have connected to your device, type in the login and password for
your device

5.) Web Interface

The web interface on the IP Power **9255Pro** consists of 4 main sections. Power Controls, Scheduler, Ping Settings, and Setup
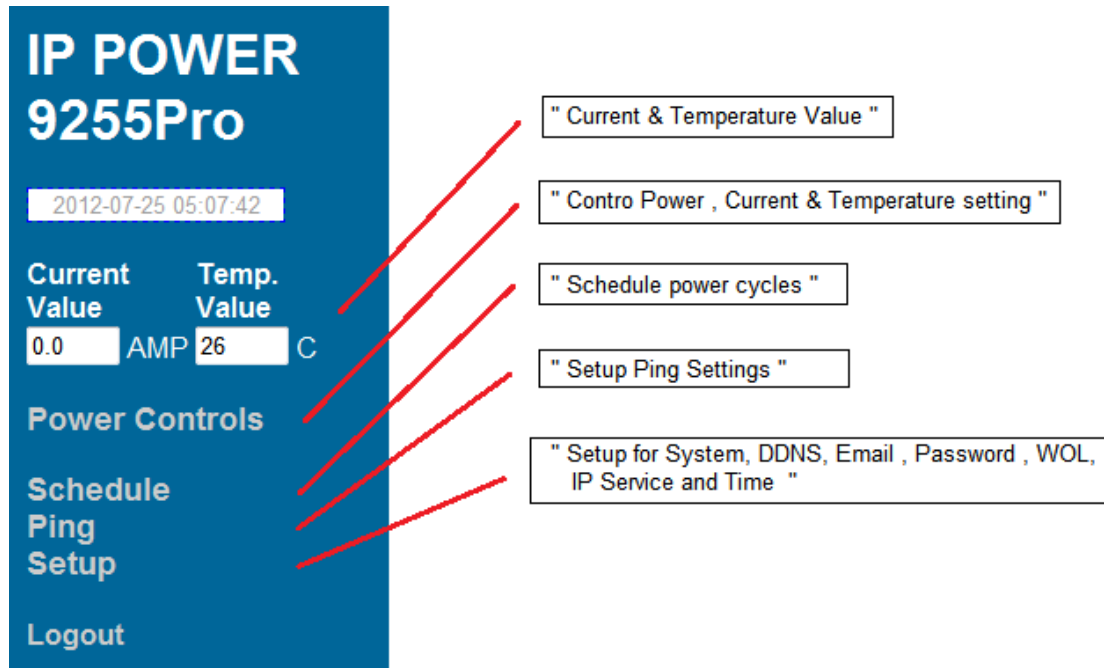
Current & Temp. value : show the consume current ampere and internal temperature at Celsius**.**
Power Controls: Turn off or Turn on the socket to provide power to the device. and also the current setting & illustration and temperature value
Scheduler: Schedule specific dates or time to active the IP Power **9255Pro**.
Ping Settings: Watchdog function to make sure your devices are responding normally.

Setup: System Configuration
 - **System:** Adjust main settings to device including IP Address, Gateway, Subnet Mask, leakage current and etc.
 - **DDNS:** Configure DDNS functionality
 - **E-mail:** Setup E-mail information
 - **Password:** user can amend the password as number or English
           character form 1 to 8 characters. (Maximum 8 digits)
     Please do not use special sign like ~ ! @ # $ % ^ & * ( )
- **Wake on Lan:** Wake devices up that support wake on lan
 - **IP Service:** Configure IP Service functionality to find devices by name
- **Time**: Setup time and date of device
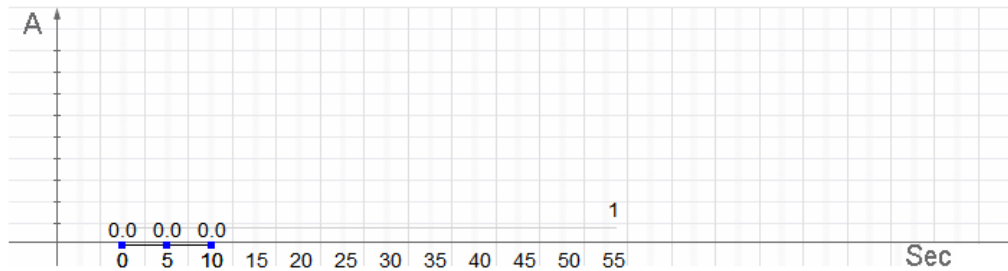**Logout:** Logout of the device

Power Controls

The Power Controls page include power control and current limit setup

Control

Power	Name	Control	Timer
1		◯ On ◉ Off	0 Sec ◉ On ◯ Off
		Apply	

Current and Temperature Settings

Current & Temperature Monitor			
Current Value	0.0 AMP	Temperature Value	29 °C
Current Limit	1 AMP (Min.1-9 Max) ◯ Enable ◉ Disable		
	Apply		

Power control

It is the panel where the user can directly turn off / on power to the attached device, set timers and name the outlet.

Power	Name	Control	Timer
1		◯ On ◉ Off	0 Sec ◉ On ◯ Off
		Apply	

Name

In the name section the device name can be set. Simply type in a name you would like for the deice and hit the apply button. Name does not support special characters (eg. ! *%)

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Control

The control section allows the user to directly turn on or turn off the device. Select the control that you would like to execute and hit apply to apply the settings. This will turn the device on or off.

Timer

The timer allows the user to set an amount of time before a control is activated. To do this, simply enter the amount of delay time in seconds you would like the action to occur. Select the On or Off and hit the apply button. When the timer has reached the time set it will execute your command.

For example if Port 1 is on and I would like to turn it off in 30 seconds, the command may look something like the following.

Power	Name	Control	Timer
1	Router	⊙ On ○ Off	30 Sec ○ On ⊙ Off
		Apply	

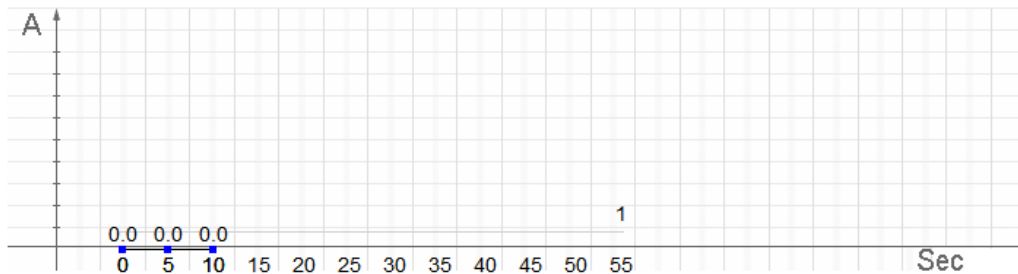** The maximum number of seconds that can be set on the timer of the device is 9999.*

Current value, setting , consume chare & Temperature value

The Current and Temperature settings offers the current consume value , temperature value , current maximum setting and the consume current line chart in one minutes so the user get the amp connected device consume also set the maximum amp to protect over loading.

Current and Temperature Settings

Current & Temperature Monitor			
Current Value	0.0 AMP	Temperature Value	29 °C
Current Limit	1 AMP (Min.1-9 Max) ○ Enable ◉ Disable		
Apply			

Current Value : Show the consume ampere of the device connected with **9255Pro** . The tolerance of the current measurement is plus or minus at 10% degree.

Temperature Value : Show the internal temperature value at Celsius (C) . working temperature range at -10°C ~ 50°C

Current Limit : Configure the maximum ampere of the connected device , if over the limit value , **9255Pro** will turn off the plug power in 5 seconds as protection. User can set the limit from 1 to 9 amp.

Current line chart : Show the consume current value in 1 minute as connect to Internet . If not connect to Internet , there is no line chart.

Ref#92550806002

Scheduler

The power schedule offers flexibility so the user can easily schedule events to control the power of the device.

Power	Date	Time	Repeat	ON/OFF
1	2006 - 06 - 06	06 : 06 : 06	Off ▼	○ ON ◉ OFF
	2006 - 06 - 06	06 : 06 : 06	Off / Just Once / Every Days / Work Days / Weekend / Mon.&Thu. / Tue.&Fri. / Wed.&Sat.	○ ON ◉ OFF
	2006 - 06 - 06	06 : 06 : 06		○ ON ◉ OFF
	2006 - 06 - 06	06 : 06 : 06		○ ON ◉ OFF
	2006 - 06 - 06	06 : 06 : 06		○ ON ◉ OFF
	2006 - 06 - 06	06 : 06 : 06	Off ▼	○ ON ◉ OFF
	2006 - 06 - 06	06 : 06 : 06	Off ▼	○ ON ◉ OFF
	2006 - 06 - 06	06 : 06 : 06	Off ▼	○ ON ◉ OFF
Submit				

Date: Enter the date in which the action will occur needs to be set.
Time: Enter the time of the action will occur.
Repeat: Select the frequency of this action.
Just Once (Just one time)
Everyday (Sunday thru Saturday)
Workdays (Monday thru Friday)
Weekend (Saturday, Sunday)
Mon. & Thu. (Monday, Thursday)
Tue. & Fri. (Tuesday, Friday)
Wed. & Sat. (Wednesday, Saturday)

How to use:
If you would like to turn on the device at 8:00AM and turn off the device at 8:00PM, the device may be set in this fashion.

Power Schedule

Power	Date	Time	PARAMETER	Power ON/OFF
	2006 - 06 - 06	08 : 00 : 00	Just Once ▼	◉ ON ○ OFF
	2006 - 06 - 06	20 : 00 : 00	Just Once ▼	○ ON ◉ OFF
	2006 - 06 - 06	06 : 06 : 06	Disable ▼	○ ON ◉ OFF

Ping Settings

The Auto-ping functionality allows the **9255Pro** to check if the device have malfunctioned or needs to be restarted. If the device is not working correctly the **9255Pro** Ping will activate the action that you have selected to reinstate the state of the device

Relay	Enable	Ping IP	Ping Failures	Delay Before Action (Seconds)	Delay After Action (Seconds)	Continue Ping	Action
1	DISABLE ▾		2	2	2		
	DISABLE ▾		2	2	2	Continue ▾	OFF ▾
	DISABLE ▾		2	2	2		OFF
	DISABLE ▾		2	2	2		ON
							Reset

Global Setting		
Ping Type:	◉ OR ◯ AND	
Ping Interval:	2	Seconds
Ping EchoWait:	20	Millisecond
Submit		

Relay: A description of which on let to use Ping function

Enable: Disable or Enable ping settings

Ping IP Address: Specify the IP Address to Ping

Ping Failures: The number of ping failures before the Action is activated.

Action Delay (Seconds): After the Ping Failures has been reached, you can set the delay time (seconds) before the action is activated.

Some uses of this function would be for systems or computers that require a shut down time

Delay after action (Seconds): The number of seconds it takes the attached devices to startup. Once those devices start, the Startup Action will be activated to *continue pinging or stop pinging.*

Continue Ping: After start up Delay has been reached the start up action will either *Continue Pinging or Stop Pinging*

Action: When the number of Ping Failures have been reached. The device can be set to perform a Off, On, or Reset function.

Ping Type: Ping type sets a condition in the case where either all or 1 of the conditions are met the action will be activated. For instance, if you set Ping Type to "**AND**", all the Ping IP's must fail for the action to be activated. On the other hand if you set Ping Type to "**OR**" as long as one of the Ping IP fails it will cause the action to be activated.

Ping Time Interval (Seconds): The number of seconds between each ping
Ping Response Time (Milliseconds): The number of milliseconds the device will wait for a response from the pinged device if no ping is detected within this time it will be considered a ping failure.

Please view the example below for more details:

Ping Setting

| | | 1.) | 2.) | 4.) | 5.) | 7.) | 8.) | 6.) |

Relay	Enable	Ping IP	Ping Failures	Delay Before Action (Seconds)	Delay After Action (Seconds)	Continue Ping	Action
1	ENABLE ▾	www.sample.com	3	3	3		
	ENABLE ▾	www.google.com	3	3	3	Continue ▾	Reset ▾
	DISABLE ▾	www.yahoo.com	3	3	3		
	DISABLE ▾	www.facebook.com	3	3	3		

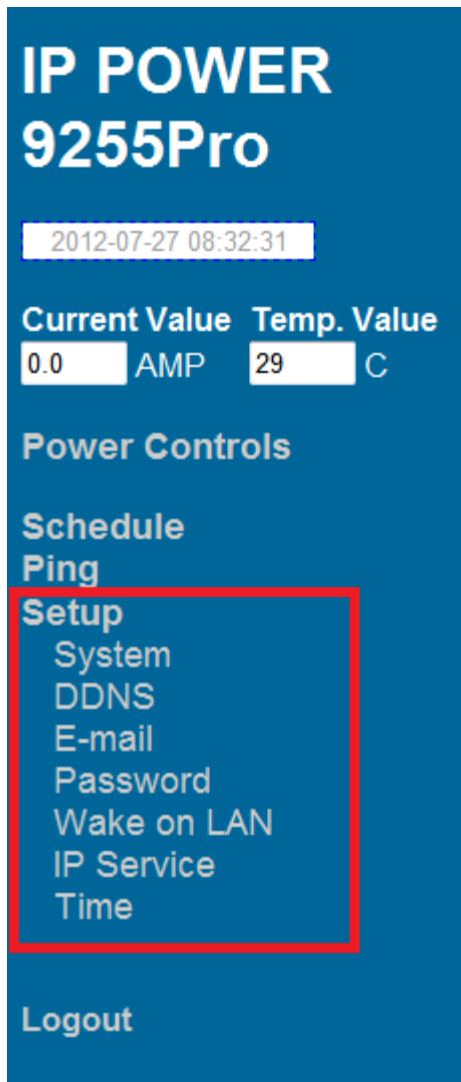| Global Setting			
Ping Type:	⦿ OR ◯ AND		
Ping Interval:	3	Seconds	
Ping EchoWait:	3000	Millisecond	

3.)

Submit

In the picture above:
1.)   **Power 1 Ping** function is **enabled for two websites**
2.)   The **9255Pro** will ping the web address www.sample.com & www.google.com
3.)   If there is a response within the **Ping Response Time** the **9255Pro** will send another ping signal the set **Ping Time Interval** which is 3 seconds for this example.
4.)   If the **9255Pro** does not receive a response from the device it will constitute a **Ping Failure**.
5.)   After 3 consecutive failure the device will go to the **Action Delay** section. In this case the device will delay for 3 seconds.
6.)   When action delay has been reached the **Action** will be set off. Here we have set the **9255Pro** to **Reset** the device.
7.)   Once the device has been reset the **9255Pro** will go into **Startup Delay** mode. In this case it is 3 seconds.
8.)   After the startup delay mode has been reached the **9255Pro** will check the **Startup Action** whether to continue or stop pinging the device. Here we have it set to Continue.

9.) Then the process starts all over.

10.) Since the Ping Type is set to or if any of the Ping IP constitute a failure then the action will be committed.   If the Ping Type was set to "AND " all conditions must be met for the action to be activated.

Setup

The setup page allows the user to configure the system settings of the **9255Pro**. This includes network information, IP Server, CNT, CGI commands, and the firmware version.

IP POWER 9255Pro

2012-07-27 08:32:31

Current Value Temp. Value

0.0   AMP   29   C

Power Controls

Schedule
Ping
Setup
  System
  DDNS
  E-mail
  Password
  Wake on LAN
  IP Service
  Time

Logout

System

The system section allows you to make changes to the network information of the **9255Pro**. This includes changes to the IP Address, Gateway, Subnet Mast, and DNS. In additional under the system section you will also find other features including SNMP, Telnet, DHCP, Beeper configuration and more.

SYSTEM

IP Address:	192	168	100	118 : 80
Subnet Mask:	255	255	255	0
Gateway:	192	168	100	1
DNS:	168	95	192	1
SNMP	○ On ◉ Off			
TELNET	○ On ◉ Off			
DHCP	◉ On ○ Off			
Beeper	◉ On ○ Off			
Leakage Current	◉ Shutdown ○ Ignore			
CGI Command	◉ On ○ Off			
Delay	0 Sec ▾			
Device Name:	9255Pro			
Firmware:	V4.02 2012/07/16			
	Submit Cancel			

IP Address: IP Address of the **9255Pro** device.
Subnet Mask: The subnet mask information can be populated here.
Default Gateway: Enter the gateway for the router.
DNS: Enter the DNS information here.
Note: Not having the correct DNS information will affect the NTP and SMTP mail server.
SNMP: Enable or Disable SNMP functionality.
Telnet: Enable or Disable Telnet functionality.
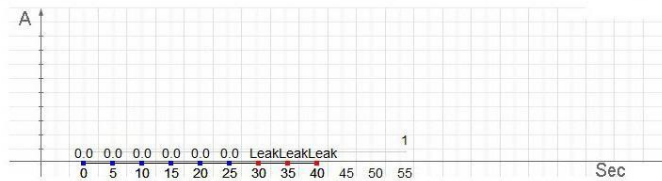**DHCP:** This will enable or disable the DHCP on the device.

Leakage: This will turn off power output if leakage over 3mA as set " Shutdown " .

Beeper: This will enable or disable the beep on the device.
CGI Command: This will enable or disable the http commands for the **9255Pro.**
Delay Switch: The Delay switch will delay the device to activate the command to a designated amount of time. If set to 10 seconds after commands during scheduler or http commands are sent there will be a 10 second delay.
Device Name: Select the name for the device here, and this name will be used for registering the device on IP Service.
Firmware: Will provide information on the current firmware for the device

DDNS

9255Pro do not support free DDNS server .

E-mail

9255Pro so not support SSL or other public mail server .

Change Password

The change password function, will allow the user to change the current password of the device.

Old Password:	
New Password:	
Confirm New Password:	
Submit	

Changing the password of the device:
1.) Type in the old password for the device
2.) Then type in the new password maximum of 8 characters
3.) Repeat the new password again
4.) Then hit the submit button.

The login required option allows the user to choose whether they would like to disable login capabilities for the device.

Wake on Lan

The network wake up function allows the 9255Pro to wake up computers, servers or systems that have a " wake on lan " capability. This functionality is not available on all PC's and requires the motherboard or Ethernet card to have Wake on Lan support for this functionality to work correctly.

MAC:	FFFFFFFFFFFF
Save Send	

Simply just type in the Mac address of the system that you would like to start up and hit the send button and the device will be activated.

IP Server Configuration

The IP Server Configuration page is where the **9255Pro** can be configured to connect to IP service.

Country:	
City:	
CNT ON/OFF:	OFF ▼ Server1 ▼
IPSrv ON/OFF:	OFF ▼
IPSrv ServerAdr:	122 . 116 . 138 . 129
	Save Cancel

IP service allows you to easily find your device of the web or of the google cloud server without the need to remember long IP Addresses. Instead you can find your device easily just by searching with the name of your device.

Time

The date and time settings allow the user to synchronize the **9255Pro** with their local time or a NTP server.

Date / Time

Date / Time:(yyyy-mm-dd HH:MM:SS)					
2012	- 2	- 13	6	: 3	: 14
NTP Server IP Address:					
192	. 43	. 244	. 18	TimeZone: 0	
	SAVE NTP Local-Time				

NTP: Network Time Protocol can be entered into the **9255Pro**. Simply just enter the IP Address of the NTP Server and hit the NTP button to synchronize. Then press save .
* For NTP to work correctly the DNS server must be configured correctly on your System configuration page
Local Time: The local time gets the time of the PC that is currently being used.

Logout

Click on the Logout link after you finish each session of using the IP Power **9255Pro**. This will ensure that any other person that uses the device next will not be able to control the devices without logging in.

6.) Controlling the Device

CGI HTTP Commands

Http commands allow you to control the device with commands. The basic commands are provided below.

There are two ways to input http commands with authorization required

1. **Password in http:**

   http://login:password@ipaddrss:port/set.cmd?cmd=command

2. **Password not in http:**

http://ipaddrss:port/set.cmd?user=login+pass=password+cmd=command

Note: If you use the password not in http: command you will need to enter it when the browser asks for the password.

a.) Set Power Command

The Set Power command allows you to control the devices on/off through the http commands. With this command you can integrate can integrate the 9255 with any other system.

Outlet	Power On	Power Off
Output 1	61 = 1	61 = 0

Ex. For Single Port Control On
http://192.168.1.3/set.cmd?cmd=setpower+p61=1
Output: P61=1

Ex. For Single Port Control Off
http://192.168.1.3/set.cmd?cmd=setpower+p61=0
Output:P61=0

b.) <u>Power Delay</u>

The Power delay command allows you to delay the set power command.

Command format:

http://ip:port/set.cmd?cmd= setpower+p6x=?+p6xn=?+t6x=aa

x means output number : 1 or 2 or 3 or 4

? means on or off : 1 = on , 0 = off

p6xn   means 2nd action of output x

t6x=aa   means delay aa seconds between the 2 actions

          (aa range = 1 - 9999 seconds)

Ex. Turn ON Output #1 for 30 Seconds then turn Off

http://192.168.1.3/set.cmd?cmd=setpower+p61=1+p61n=0+t61=30

Ex. Turn ON all 4 ports for 15 Seconds then turn Off

http://192.168.1.3/set.cmd?cmd=setpower+p61=1+p61n=0+t61=15**+
p62=1+p62n=0+t62=15+ p63=1+p63n=0+t63=15+ p64=1+p64n=0+t64=15**

(there is no space between command)

c.) <u>Read Power Command</u>

1. Set Port On/Off

    <u>http://192.168.1.3/set.cmd?cmd=setpower+p61=1 </u>(relay open) ,
    setpower+p61=0(relay closed)

    P61=1

2. Read Port

   http://192.168.1.3/set.cmd?cmd=getpower

   P61=1

Telnet Commands

The **9255Pro** supports telnet protocol and can be controlled in a telnet enabled environment.

To Login to the 9255Pro in telnet

1.) Make sure to go to command prompt and type in Telnet and the IP Address of your **9255Pro** device.

```
C:\>telnet 192.168.1.153

9255NTelnet command shell
Please input username and password!
9255NTelnet-> admin:12345678
```

2.) Then type in the login and password in the following format.
admin:12345678

Help: The help command will provide all the commands available on the
9255Pro.

To get the commands in help type: help in the telnet protocol.

```
9255Telnet-> help
Available commands:
   setpower - Set power status
   getpower - Read power status
   exit     - exit shell
```

* Set power: The set power command allows the device to turn on and turn off
ports on the device. To set power on the device type

```
9255Telnet-> setpower p61=0

Power Status : 0
9255Telnet-> setpower p61=1

Power Status : 1
```

setpower p61=1: Port On
setpower p61=0: Port Off

* Get power: The get power command gives you the power status of the device.
To get power on the device type: 1 mean power on , 0 mean power off.

```
9255Telnet-> getpower
Power Status : 1
9255Telnet-> setpower p61=0
```

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* Get Current Value: The " getcurrent " command gives you the current value of the device. The value " 0.8 " means the current value of the connected device is 0.8amp .

* Get temperature Value : The " gettemp " command gives you the internal temperature value of the device. The value " 30 " means 30 degree at Celsius.

7.) Frequently Asked Questions (F.A.Q)

Please visit our FAQ section on our website for the latest and most updated information on this product. You can visit our site at: **www.Aviosys.com**

Q1: I forgot the password and can not enter the administration page now, what can I do?

A1: Use username "super user" when log in webpage and then click "OK " turn power off for few second and then turn on ON . 9255 will to set back to default password. (There is space between super and user.)

Q2: I can not get the 9255 IP address by your software "IPEDIT"

A2:   Please refer the following possible parts for this 9255 not been searched by IPEDIT

1. Boot up successfully : Please reboot the 9255 and check if there are 1 short beep after 3 seconds . This beep means the device boot up successfully . If not , the device may have issue.

2. Network card :   Please check if there are morn that two network card – include wire / wireless / dynamic - in the PC which used IPEIT   software . IPEDIT only support single network PC , please disable the other network connection / functions.

3. Anti Virus software / Firewall : Please turn off the antivirus software firewall temporary.

4. Power : If there is no power go to 9255 ,   please check the fuse part . There will be no power for 9255 if the fuse buttons is pup up - not easy/flexible to press as it was – by over loading for long time ,   please press the fuse back and the power will go to 9258 to boot up .

5. Connection : Please make sure that the 9255 is under same router with the PC used IPEDIT . It is fine to connect across multiple routers but it need to setup the MASK part
which need some know how .

Q3 :   How to enable NTP function ?

A3 :   To work NTP, please do connect to Internet and 9255 will auto connect to NTP server.

1. Save : Save the setting & Disable NTP function .

2. NTP : Enable NTP function.

3. Local time : Use the local time of the controlled PC & Disable NTP function .

Please refer the picture of the NTP page buttons functions :

1. Save :   Save the setting & Disable NTP function .

2. NTP :   Enable NTP function.

3. Local time : Use the local time of the controlled PC & Disable NTP function .

● NTP setting procedure :

Step 1 : Fill the IP of the NTP server and also the time zone . About TIME ZONE : If in JAPAN ,
            please fill 7 in the section . If in Taiwan , please fill 8 .
         Press "SAVE " to save the setting
Step 2 : Press "NTP " buttons to enable the NTP function.

Q4: How to I revert back to Manufacturers default settings?

A4: Hold the reset button for at least 5-7 seconds and you will hear two long beeping
sound. Then use IPEdit to get the IP of the 9255.

Default IP: 192.168.1.100 (When no DHCP is apparent) Default
Login: admin
Default Password: 12345678