

# IP Power 9258 Pro

## User Manual



**Firmware Version: 1.027**  
**Date Released: 04/09/2009**

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

#### **IMPORTANT NOTICE**

1. IP Power 9258 Pro was designed for indoor use, we carry no responsibility for possible damages caused by outdoor use, especially in the rain.
2. Please use the power adapter provided by the dealer, we carry no responsibility for the possible damage from using power adapters not .
4. Do not shake the IP Power 9258 Pro in any fashion
5. Please contact the dealer If IP Power 9258 Pro is not working properly.

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# 1.) Welcome

## ***Introduction***

The IP Power 9258 Pro is a state of the art Power Distribution Unit (PDU) & Remote Power Control (RPC) system. The 9258 Pro can be used for various applications including: **Power Management, Server Management, Internet Controllable Timer, System Integration and much more.**

This device allows you to control up to 8 separate devices via the internet. By using a web browser, you can remotely control the power of the 9258 Pro from virtually anywhere.

Not only does the 9258 Pro come with a VCT Monitor (Voltage, Current, & Temperature), scheduler, auto-ping function what makes this device different from other PDU's is that it has a **dual switch design.**

Unlike other PDU or RPC units the 9258 pro is completely safe. The dual switch design cuts off the power and will eliminate any most electrical threats that other systems may have.



## ***Minimum System Requirements***

CPU Minimum Requirements

CPU Processor: The same as or above a Intel Pentium III or AMD Athalon

Operating Systems: WINDOWS Operating Systems (IE5.0+SPI) & LINUX

Memory Requirements 64MB or More

Supports Direct Draw Graphics Card

RJ45 LAN & Internet HUB & Switch

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)




## 2.) Product Overview

### **Features**

1. **Dual Switch Design** for extra safety and protection
2. **Temperature, Voltage, & Current** monitoring system
3. **HUB function** four 4 RJ45 connections
4. **Auto-ping (Watch dog)** Device Auto Restart / Reboot.
5. Critical Voltage Detector for Automatic Device Protection
6. Supports: RJ45(HUB), TCP/IP, Http API, Web Server, SMTP Server, DDNS, Log file, CNT, XML
7. 8 Power control output
8. 2 Main power inputs.
9. 2 RS232 port with one Hi-Speed Information Transfer
10. Design Pressure System: Prevent interference with power noise design. (Second stage isolation)
11. Scheduler System for date sensitive control
12. Log Capability
13. Http commands through Internet
14. RS232 High speed Full-Duplex Http through RS232 commands into instructions
15. CNT Technology: No Port Forwarding Needed in Router – Just Plug & Play
16. IP Service: Easily Find your device on the internet without having to remember complicated IP's
17. Light Aluminum Design
18. Supports UPNP (Universal Plug & Play)

### **Specification**

1. Input Power Voltage: 90-240 VAC
2. Input Frequency: 50/60 Hz full range
3. Dimension: 440x235x40 mm 1.8kg
4. Reliability testing Certification MBTF 200,000 hrs +
5. Operating temperature range: 0 - 50 degrees Celsius.

<b>Package Contents</b>	
<b>1.) 9258 Pro Unit x 1</b>	
<b>2.) 9258 Pro Installation CD</b>	
<b>3.) Extra Fuse x 1: Located in the power input of the 9258 Pro <i>Refer to installing fuse section</i></b>	
<b>4.) RJ45 Cable x 1 (Optional)</b>	
<b>5.) Input Power Cable x 2 (Optional)</b>	

### 3.) Interface Description

#### Front View

#### Front View



#### 4 Port Ethernet Hub:

Connect up to 4 separate devices with the built in hub.



#### 2 Serial Ports:

Serial Port 1: Regular Speed  
Serial Port 2: Hi-Speed transfer



#### Reset Button:

To reset to original manufacture settings, hold down the reset button with a pen or a pin for 15 seconds until will hear a long beep sound.



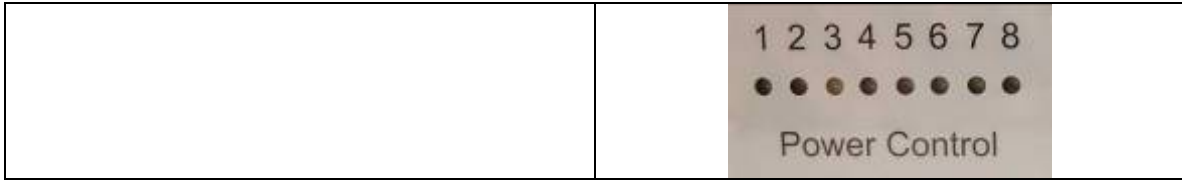
#### 7 Segment Led Indicator:

The indicator will show two sets of Information.

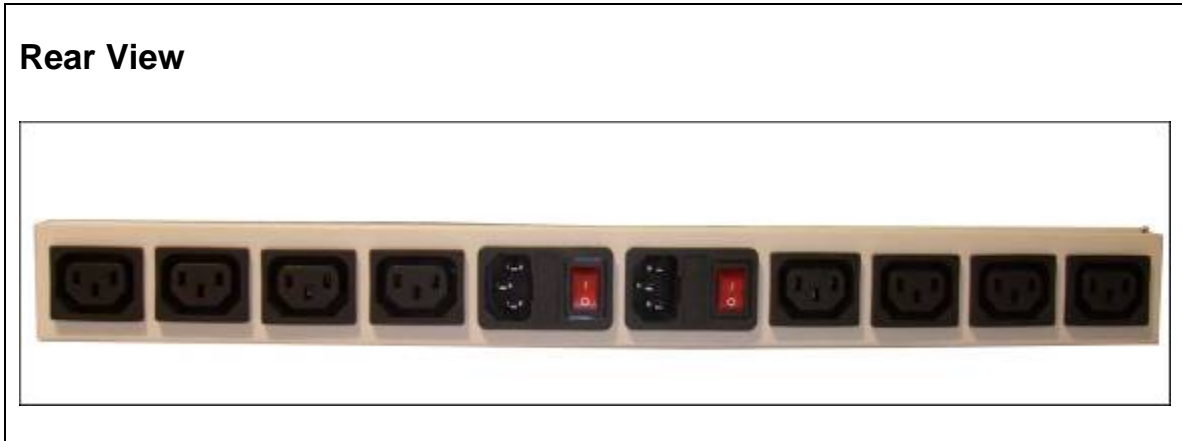


#### Power Status Indicator:

The Power Status indicator



**Rear View**



<b>Rear View</b>	
<p><b>8 Output Power Ports:</b> Connect up to 8 separate devices that will be controlled by the 9258 Pro. Ports 1-4</p>	
<p><b>2 Input Power Ports:</b> The input power sends power to the 2 sets o 9258.</p>	
<p><b>2 Power Switch:</b> The 2 Power switch turns on the input power Ports 1-4: Switch 1 Ports 5-8 Switch 2</p>	
<p><b>Replaceable Fuse:</b> The 9258 uses a <b>TYPE : U/C GFE 10A 250V (PF)</b></p>	

## 4.) Quick Start Guide

### Quick Hardware Setup

\*Before you plug in the device make sure you have the appropriate input plugs.

\* For **220-250V**, please use power cable that can support 10A current.  
Max Output Current: (total of each four outlets) 10A, (each outlet) 6A.

\* For **100-120V**, please use **power cable that can support 15A current**.  
Max Output Current: (total of each four outlets) 15A, (each outlet) 6A

- 1.) Make sure that all the package contents are included, if anything is missing please contact the store.
- 2.) Plug the RJ45 (Ethernet Cable) from your router or modem to any of the 4 ports on the 9258 Pro.
- 3.) Plug in the Input Power Plugs into the device and then into the wall of your device.
- 4.) Plug in the devices that you want to control in the output ports of the 9258 Pro

### Quick Device Setup

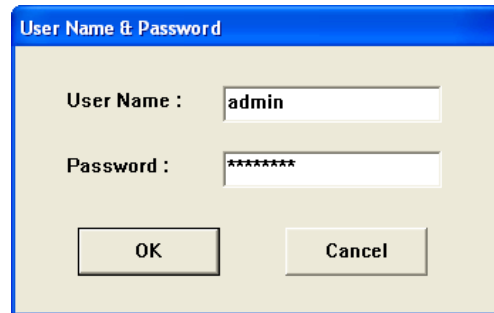
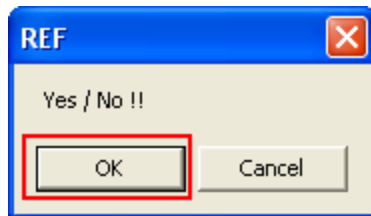
Using IPEdit



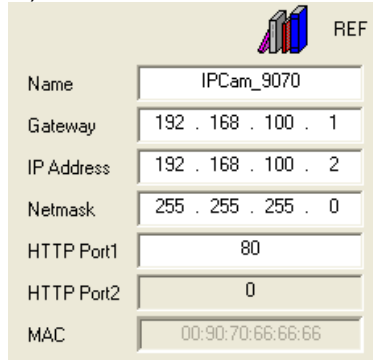
- 1.) Click on the REF button, and wait a few seconds. IPEdit will automatically detect the network settings and setup the device.
- 2.) Once settings have been detected hit the apply button to apply the new settings.

A screenshot of the REF Setting dialog box. It contains four input fields: Name (IPCam\_9070), Gateway (192.168.100.1), IP Address (192.168.100.2), and Netmask (255.255.255.0). At the bottom, there are two buttons: APPLY and CANCEL. The APPLY button is highlighted with a red box.

- 3.) Hit yes to confirm and Enter the login and password for the Device to Approve changes



4.) Then hit the rescan button on IPEdit to confirm the changes have been made.



5.) Once you have found your device double click on the device and the internet explorer will pop up and ask for your login information.

6.) Type in your password & login and the device is ready to use.

**\* Remember that to access your device from the outside network, you will need to port forward the IP Address of your device.**

## 5.) Hardware Setup

1.) Connect the IP Power Pro to a HUB or Router with a RJ45 network cable.

2.) Connect the HUB or Router to the internet (May through ADSL/XDSL modem).

3.) Connect the power adapter to the IP Power 9258 Pro.

4.) Connect the power adapters of under control electric equipment to the corresponding out port of IP Power 9258-Pro.

Turn on your computer and the power adapter of IP Power 9258-Pro

\* For **220-250V**, please use power cable that can support 10A current.  
Max. output current: (total of each four outlets) 10A, (each outlet) 6A.

\* For **100-120V**, please use **power cable that can support 15A current**.  
Max. Output current: (total of each four outlets) 15A, (each outlet) 6A

## 6.) Software Setup

The software for the device is located on the **Media Link-IP Family CD** that came with the device. IP Power Pack is located on the main page of the CD. Please follow the directions carefully and install the necessary files

### The IP Power Necessary Software:

IP Edit  
IP Power Center

**IPedit:** IP Family Program used to search, access, modify basic configurations of IP Family products.

**Surf 16 Channel (DVR Software):** 16 channel multi-windows DVR software (For 9060 , 9100, 9310 / 9360 series only)

**IOTracker:** Device to Device control with firewall bypass technology  
(For 9212 Delux / 9211 / 9222 for V.1.12 and later)

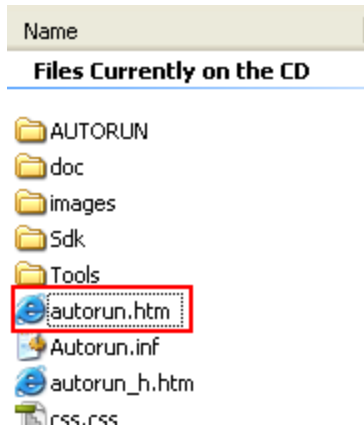
**Infinity Cam:** 4 Channel DVR software, with play back  
(For 9060SL V.1.15 and below, 9100 series only)

**Amcap / Vidcap:**

**Note: IOTracker – Only For 9212 Delux, 9222, 9211**

### **Installing IP Power Software**

- 1.) First place the **Media Link-IP Family CD** that came with your device into your CD/DVD Rom drive. The CD should auto run but if it does not go to the CD/DVD Rom drive and select the file "**autorun.html**".



2.) Once the CD has started, go to the IP Power section and click and install the **following**:

**IPedit:**

IP Family Program used to search, access, modify basic configurations of IP Family products.

**IP Power Center:**

Multiple IP Power device manager to control the ON and OFF of the managed devices. (For IP Power 9258 Ping , 9280, 9211, 9222.)

**IOTracker:**

Device to Device control with Firewall bypass technology.  
(For IP Power 9212 Delux / 9211 / 9222 Versions 1.12 and later.)

3.) Once installation is complete please double click the **IPedit** to configure and search for your device.

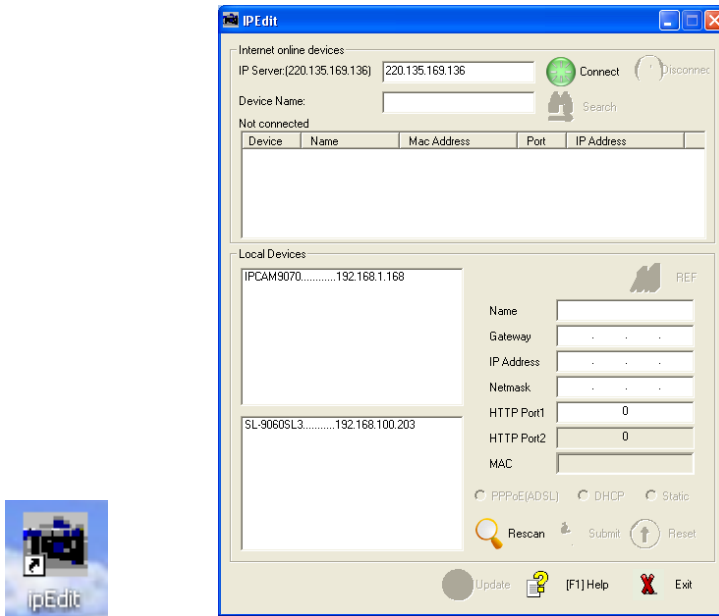
## ***Using IP Edit***

IPedit is a search tool designed to setup and access the device.

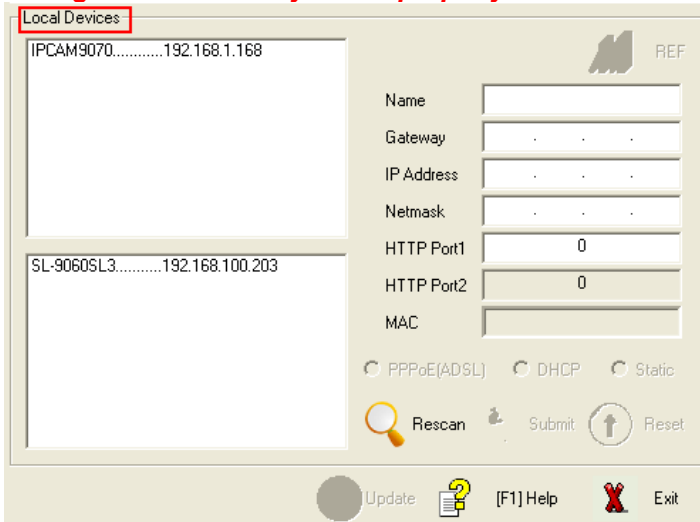
It comes with the IP Service feature which searches for the device easily without having to remember long complicated IP addresses. Instead, this technology allows the user to use a name method to find his or her device through the internet. .

***Please make sure you have the most updated version of IPedit. Contact your distributor to provide you with the newest updated IPedit.***

1.) After correctly installing the IPedit software, double click on the IPedit icon to run the program.



- 2.) Open IPEdit and any device in the same network should automatically be detected and listed in the **local devices sections**. *The devices will need to be setup correctly through IPEdit so that you can properly access the device.*



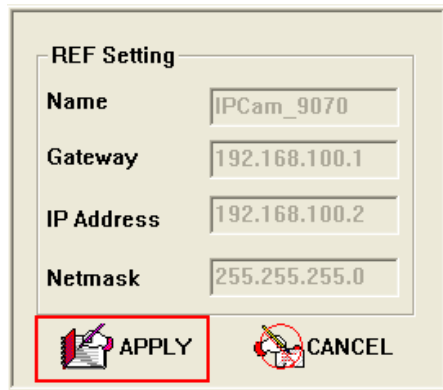
3.) **Setup the Device:**

All devices will need to be on the same network if not the device cannot be accessed and will not be detected.

a. **Quick Easy Setup (Recommended)**



- 7.) Click on the REF button, and wait a few seconds. IPEdit will automatically detect the network settings and setup the device.  
 8.) Once settings have been detected hit the apply button to apply the new settings.



REF Setting

Name: IPCam\_9070

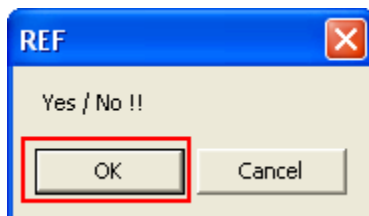
Gateway: 192.168.100.1

IP Address: 192.168.100.2

Netmask: 255.255.255.0

APPLY CANCEL

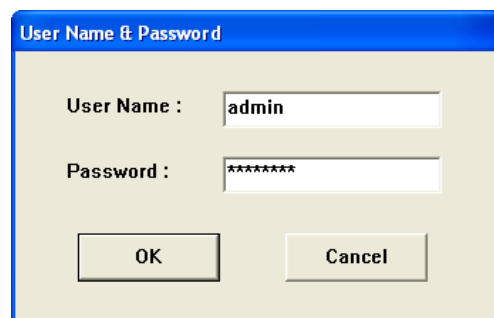
9.) Hit yes to confirm and Enter the login and password for the Device to Approve changes



REF

Yes / No !!

OK Cancel



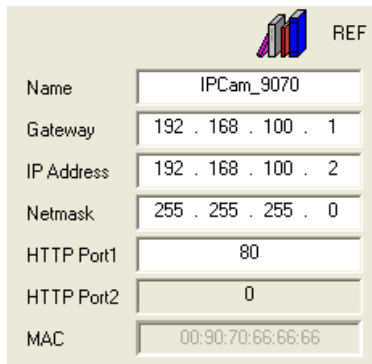
User Name & Password

User Name : admin

Password : \*\*\*\*\*

OK Cancel

10.) Then hit the rescan button on IPEdit to confirm the changes have been made.



REF

Name: IPCam\_9070

Gateway: 192 . 168 . 100 . 1

IP Address: 192 . 168 . 100 . 2

Netmask: 255 . 255 . 255 . 0

HTTP Port1: 80


HTTP Port2: 0


MAC: 00:90:70:66:66:66

#### b. Custom Setup (Advance Users)

1.) Highlight the device on the local devices section and on the right side of IPEdit all network information on the device will be displayed.

**If the device is not on the same network a Red Exclamation mark  will appear in the IP Network information section**

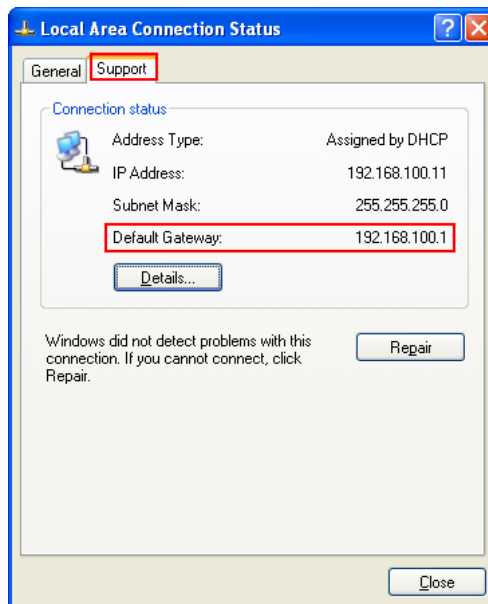
Input Ref Button  REF

Name	IPCam_9070
Gateway	192 . 178 . 100 . 1
IP Address	192 . 178 . 100 . 2 
Netmask	255 . 255 . 255 . 0
HTTP Port1	80
HTTP Port2	0
MAC	00:90:70:66:66:66

PPPoE(ADSL)
  DHCP
  Static

2.) To setup the device, type in the correct **Gateway** and **IP Address**.  
**The gateway address:**

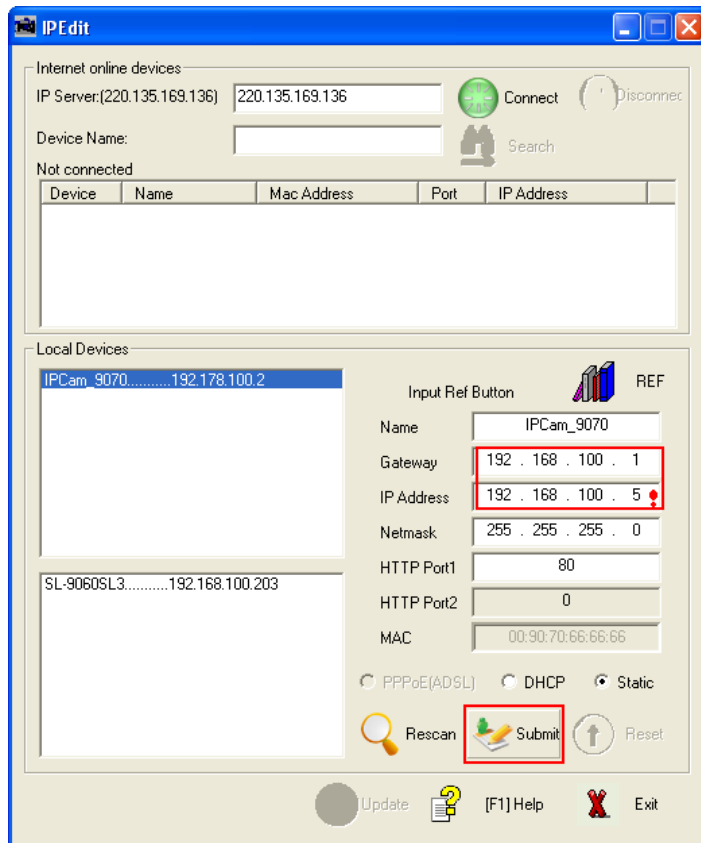
**Gateway Address:** The gateway address can be obtained in Windows under the network connections page



**IP Address:** Make sure the first 3 sections of the IP Address matches the gateway address.

Example: Gateway Address – 192.168.1.1    IP Address – 192.168.1.xxx

3.) Once the Default Gateway information has been obtained, enter the correct information into IPEdit and hit the submit button.



4.) Then hit the rescan button on IPEdit to confirm the changes have been made

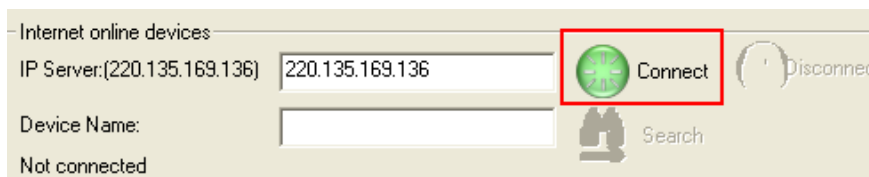
## IP Service

How to use IP Service on IPEdit:

IP service allows the user to directly connect to his / her device through the internet without having to remember long confusing IP Address. Instead with this IP Service Technology, the user only has to remember the name of the device that the user has selected. Then the user can connect to IP Service, type in the device name, and connect directly to the device.

First if you have de-activated IP Service on your device make sure you re-enable it. (Refer to your manual if you have questions on How to activate IP Service)

- 1.) Open IPEdit, the device will show up in the Local Device Section. If you have not selected a name for the device, please refer to the section on the manual labeled: "Naming your device".
- 2.) To start IP Service, Hit the green connect button on the top of IPEdit.



- 3.) Once you have been connected search for your device by typing in at least the first 3 letters that you named your device with. Then hit the search button.
- 4.) Double click on your device and a Internet Explorer window will appear connecting directly to your device.

\*Remember: It is crucial to have the IP Address of the device port forwarded from the router that you are using so you can connect to your device from anywhere. Please refer to your routers user manual on how to port forward your device.

## 7.) Hardware Interface

### ***Hardware Reset***

To Reset the device back to manufacturer default, use a small pen or pin and press the reset button and hold for a minimum of 10 seconds. Once you hear a “beep” sound the device will be reset.

### ***Serial Port Control***

Please view the Controlling the Device section on this manual on page 32.

### ***Reading the LED Panel***

The LED panel shows which ports the ports being activated and the ports that are not activated.

### ***Reading the VCT Monitor***

The VCT monitor on the front panel of the device allows you to easily & quickly see how much energy is being used.

#### **Unit Voltage**



#### **RMS Current 1 (Total Current for port 1-4)**



#### **RMS Current 2 (Total Current for port 5-8)**



### 9258 Pro Device Temp



## How to Replace Fuse

1.) The fuse is located between the power switch and the power input plugs.

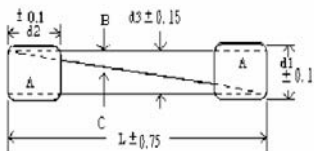


2.) Carefully remove the fuse holder with a flat screwdriver.



3.) The fuse can be purchased at most electrical stores

Model: U/C GFE 10A 250V (PF)



## 8.) Web Interface

### ***Connection to your Device***

Once you have the 9258 Pro setup correctly.

Open IPEdit and double click on your IP Power 9258 Pro.

A Internet Explorer browser screen pop up with the login screen for the 9258 Pro.



The image shows a login window titled "IP 9258 PRO Login". At the top is the IP Power logo, which consists of the letters "IP" in a stylized font with orange and yellow rays emanating from behind them, and the word "POWER" in a smaller, sans-serif font below it. Below the logo, the title "IP 9258 PRO Login" is displayed in blue text. The main area of the window is a light gray box containing the instruction "Please enter user name and password." in a small black font. Below this instruction are two input fields: "User Name:" with a text box containing the word "admin", and "Password:" with a text box containing seven black dots. At the bottom of the gray box are two buttons: "OK" and "Cancel".

**Default IP:** 192.168.1.100 (When 9258 Pro is connected to PC directly)

**Default Login:** Admin

**Default Password:** 12345678

### ***The Control Console***

The Right Panel of the Web Interface controls the functionality and setup of the IP Power 9258 Pro.



## IP 9258 PRO

### Power Setup

[Power Controls](#)

[VCT config](#)

[VCT Monitor](#)

### System configuration

[System Setup](#)

[DDNS](#)

[E-mail](#)

[Schedule 1-4](#)

[Schedule 5-8](#)

[IP Service](#)

[Ping](#)

[Network Wakeup](#)

[Change Password](#)

[Firmware Update](#)

### Internal Time:

[Change Time](#)

2008-12-11 02:47:51

## Power Setup

### Power Controls

The Power Controls setting allows you to control the devices that are connected to the 9258 Pro.

Outlet	Name	Control	Timer Controls
Power 1	<input type="text"/>	<input type="radio"/> On <input checked="" type="radio"/> Off	0 <input type="text"/> Sec <input type="radio"/> On <input checked="" type="radio"/> Off
Power 2	<input type="text"/>	<input type="radio"/> On <input checked="" type="radio"/> Off	0 <input type="text"/> Sec <input type="radio"/> On <input checked="" type="radio"/> Off
Power 3	<input type="text"/>	<input type="radio"/> On <input checked="" type="radio"/> Off	0 <input type="text"/> Sec <input type="radio"/> On <input checked="" type="radio"/> Off
Power 4	<input type="text"/>	<input type="radio"/> On <input checked="" type="radio"/> Off	0 <input type="text"/> Sec <input type="radio"/> On <input checked="" type="radio"/> Off
Power 5	<input type="text"/>	<input type="radio"/> On <input checked="" type="radio"/> Off	0 <input type="text"/> Sec <input type="radio"/> On <input checked="" type="radio"/> Off
Power 6	<input type="text"/>	<input type="radio"/> On <input checked="" type="radio"/> Off	0 <input type="text"/> Sec <input type="radio"/> On <input checked="" type="radio"/> Off
Power 7	<input type="text"/>	<input type="radio"/> On <input checked="" type="radio"/> Off	0 <input type="text"/> Sec <input type="radio"/> On <input checked="" type="radio"/> Off
Power 8	<input type="text"/>	<input checked="" type="radio"/> On <input type="radio"/> Off	0 <input type="text"/> Sec <input type="radio"/> On <input checked="" type="radio"/> Off

**Name:** The name field allows you to enter a name of the Power that you are controlling. Simple type in the name of the device next to the outlet that it is connected to, then hit apply.

Outlet	Name	Control	Timer Controls
Power 1	Sample Device	<input type="radio"/> On <input checked="" type="radio"/> Off	0 Sec <input type="radio"/> On <input checked="" type="radio"/> Off
Power 2		<input type="radio"/> On <input checked="" type="radio"/> Off	0 Sec <input type="radio"/> On <input checked="" type="radio"/> Off
Power 3		<input type="radio"/> On <input checked="" type="radio"/> Off	0 Sec <input type="radio"/> On <input checked="" type="radio"/> Off

**Control:** Control allows the user to actively control the device on each port. To turn off or turn on the device, select the control you want then hit the apply button

**Timer:** The timer allows you to turn On or Off your device with a delay. Please view the example below:

Outlet	Name	Control	Timer Controls
Power 1	Timer Delay-Off	<input type="radio"/> On <input checked="" type="radio"/> Off	5 Sec <input type="radio"/> On <input checked="" type="radio"/> Off
Power 2	Timer Delay-On	<input type="radio"/> On <input checked="" type="radio"/> Off	10 Sec <input checked="" type="radio"/> On <input type="radio"/> Off
Power 3		<input type="radio"/> On <input checked="" type="radio"/> Off	0 Sec <input type="radio"/> On <input checked="" type="radio"/> Off

**Power 1:** The device will turn on when you hit the apply button and after 5 seconds the device will be turned off.

**Power 2:** The device will be off and when you hit apply after 10 seconds then the device will turn on.

## VCT Config

The VCT (Voltage, Current, & Temperature) config allows you to configure the critical points of the **Unit Voltage**, **RMS Current 1**, **RMS Current 2** & **CPU temp**.

When that critical point has been reached the 9258 Pro will respond by sending a e-mail notification and it safely shut down.

VCT Critical Config		
Unit Voltage	<input type="text" value="250"/>	Volts
RMS Current 1	<input type="text" value="10"/>	Amps
RMS Current 2	<input type="text" value="10"/>	Amps
CPU Temp	<input type="text" value="80"/>	°C
Temp Verify	<input type="text" value="0"/>	°C
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>		

### Unit Voltage:

If the total voltage of the 9258 Pro reaches the critical that has been set the device will safely shut down.

**RMS Current 1 (Ports 1-4)**

The RMS Current 1 is the total number of AMPS that is used for ports 1-4. If the total Ports AMP exceeds the Critical the device will safely shut down

**RMS Current 2 (Ports 5-8)**

The RMS Current 2 is the total number of AMPS that is used for ports 5-8. If the total Ports AMP exceeds the Critical the device will safely shut down.

**CPU Temp**

The CPU temperature monitors the devices internal CPU temperature. If that temperature reaches the critical, the device will send a notification e-mail and it will safely shut down.

**VCT Monitor**

The VCT monitor is the webpage that monitors the status of the VCT. It will give you the actual **Unit Voltage, RMS Current 1, RMS Current 2, & CPU Temp.**

Item	Value	Unit	Status
Unit Voltage	107	Volts	ok
RMS Current1	0.0	Amps	ok
RMS Current2	0.0	Amps	ok
CPU Temp	47	°C	ok

**System Configuration****System Setup**

The System Setup page is where you would configure the basic IP information needed for the device to work properly

Please restart for any changes to take effect.					
IP Address:	192	168	1	56	80
Subnet Mask:	255	255	255	0	
Default Gateway:	192	168	1	1	
DNS:	168	95	192	1	
DHCP Client	<input checked="" type="radio"/> Enable <input type="radio"/> Disable				
BEEPER	<input checked="" type="radio"/> Enable <input type="radio"/> Disable				
Http Command Verification	<input checked="" type="radio"/> Enable <input type="radio"/> Disable				
Device Name:	9258 Pro				
Release Version:	V1.025 2008/12/16				
<input type="button" value="Submit"/> <input type="button" value="Cancel"/>					

**IP Address:** The IP Address of the 9258 Pro can be specified here. If you are using a hub or router, the IP address may be selected for you already. Otherwise you can manually select the IP Address here.

**Subnet Mask:** The Subnet Mask Address of the 9258 Pro can be specified here. If you are using a hub or router, the IP address may be selected for you already. Otherwise you can manually select the IP Address here.

**Default Gateway:** The Default Gateway is given by a router or hub and this is where that information would be specified.

**DNS:** The DNS is the Domain Name Server. This information can be obtained by contacting the ISP

**DHCP Client:** The DHCP client allows the 9258 Pro to use DHCP to obtain the IP Information from a Hub or Router.

**Beeper:** The Beeper turns on/off the beeper sound from the 9258 Pro. When commands are sent a beep sound will appear

**Http Command Verification:** The HTTP Verification turns on or off the HTTP Command mode. This mode allows you to send commands directly to the device via internet without having to enter the device.

**Device Name:** In this section you can change the name of the 9258 pro for easier identification purposes. It is also a way to find your device using IP Service.

**Release Version:** Displays information on the Firmware version and release date.

## DDNS

The DDNS section allows you to setup the 9258 Pro with a DDNS server (i.e. [www.dyndns.com](http://www.dyndns.com)). The the server has been setup correctly, enter the necessary information into the 9258 Pro DDNS settings.

DDNS SETUP	
DDNS Server IP:	<input type="text" value="63.208.196.96:80"/>
Your Domain:	<input type="text" value="sample.dyndns.info"/>
DDNS UserName:	<input type="text" value="sample"/>
DDNS Password:	<input type="password" value="●●●●●●●●"/>
Enable DDNS:	<input type="text" value="TRUE"/> ▼
Proxy Enable:	<input type="text" value="FALSE"/> ▼
Proxy IP:	<input type="text"/>
Proxy Port:	<input type="text" value="0"/>
<input type="button" value="SAVE"/> <input type="button" value="UPDATE NOW"/>	

**DDNS Server IP:** Input IP Address of the DDNS server.

**Your Domain:** Type in the Domain Name that you selected for your DDNS server

**DDNS Username:** Enter the DDNS Username

**DDNS Password:** Enter the corresponding Password for your DDNS account

**Enable DDNS:** Select Enable or Disable to turn on or off DDNS settings for the 9258 Pro

**Proxy Enable:** Select enable or disable if any proxy servers are used.

**Proxy IP:** Enter the proxy server IP Address of the proxy server here.

**Proxy Port:** Enter Port of the proxy server

## E-mail

The 9258 Pro has an e-mail function that can be used in various scenarios and conditions. When a power port is activated or deactivated, the device will send an email. When the scheduler is used the device will also send emails when ports are activated or deactivated.

E-mail settings	
<b>Smtip Server:</b>	<input type="text" value="sample.com"/>
<b>Smtip Port:</b>	<input type="text" value="25"/>
<b>Pop 3 Server:</b>	<input type="text" value="sample.com"/>
<b>Username:</b>	<input type="text" value="login@sample.com"/>
<b>Password:</b>	<input type="password" value="••••••••"/>
<b>Sender:</b>	<input type="text" value="login@sample.com"/>
<b>Receiver 1:</b>	<input type="text" value="receiver@sample.com.tw"/>
<b>Receiver 2:</b>	<input type="text"/>
<b>Receiver 3:</b>	<input type="text"/>
<b>Subject:</b>	<input type="text" value="subject 9258 PRO"/>
<b>Mail Body:</b>	<input type="text" value="mailbody 9258 PRO"/>
<input type="button" value="Save"/> <input type="button" value="Send"/>	

**Smtip Server:** Input the server name of the mail server.

**SmtipPort:** Input the outgoing Server Port

**Pop 3 Server:** Input the incoming pop 3 server information

**Username:** Enter E-mail username

**Password:** Enter E-mail password

**Sender:** Enter Sender Email Address

**Receiver 1-3:** Enter up to 3 receivers

**Subject:** Enter the email Subject line

**Mail Body:** Enter Email Body information.

### Schedule Ports 1-4 & Ports 5-8

The scheduler function allows you automatically control the device(s) without having to login. This function allows you to turn on or turn off, cycle power of your devices at scheduled times. To use the this function some key parameters must be set correctly.

Power

Power	Date	Time	Frequency	Power ON/OFF												
Power 1A	2008 - 11 - 30	16 : 33 : 05	Weekend <input type="button" value="v"/>	<input checked="" type="radio"/> ON <input type="radio"/> OFF												
Power 1B	2008 - 11 - 30	16 : 33 : 10	Weekend <input type="button" value="v"/>	<input type="radio"/> ON <input checked="" type="radio"/> OFF												
Power 2A	2008 - 11 - 30	16 : 33 : 15	Weekend <input type="button" value="v"/>	<input checked="" type="radio"/> ON <input type="radio"/> OFF												
Power 2B	2008 - 11 - 30	16 : 33 : 20	Weekend <input type="button" value="v"/>	<input type="radio"/> ON <input checked="" type="radio"/> OFF												
Power 3A	2008 - 11 - 30	16 : 33 : 25	Weekend <input type="button" value="v"/>	<input checked="" type="radio"/> ON <input type="radio"/> OFF												
Power 3B	2008 - 11 - 30	16 : 33 : 30	Weekend <input type="button" value="v"/>	<input type="radio"/> ON <input checked="" type="radio"/> OFF												
Power 4A	2008 - 11 - 30	16 : 33 : 35	Weekend <input type="button" value="v"/>	<input checked="" type="radio"/> ON <input type="radio"/> OFF												
Power 4B	2008 - 11 - 30	16 : 33 : 40	Weekend <input type="button" value="v"/>	<input type="radio"/> ON <input checked="" type="radio"/> OFF												
<b>System Startup Power Default Value</b>																
<table border="1"> <thead> <tr> <th>Power 1</th> <th>Power 2</th> <th>Power 3</th> <th>Power 4</th> </tr> </thead> <tbody> <tr> <td><input type="radio"/> ON</td> <td><input type="radio"/> ON</td> <td><input type="radio"/> ON</td> <td><input type="radio"/> ON</td> </tr> <tr> <td><input checked="" type="radio"/> OFF</td> <td><input checked="" type="radio"/> OFF</td> <td><input checked="" type="radio"/> OFF</td> <td><input checked="" type="radio"/> OFF</td> </tr> </tbody> </table>					Power 1	Power 2	Power 3	Power 4	<input type="radio"/> ON	<input type="radio"/> ON	<input type="radio"/> ON	<input type="radio"/> ON	<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> OFF
Power 1	Power 2	Power 3	Power 4													
<input type="radio"/> ON	<input type="radio"/> ON	<input type="radio"/> ON	<input type="radio"/> ON													
<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> OFF													
<input type="button" value="Submit"/>																

Power	Date	Time	Frequency	Power ON/OFF												
Power 5A	2008 - 11 - 19	16 : 33 : 05	Weekend <input type="button" value="v"/>	<input checked="" type="radio"/> ON <input type="radio"/> OFF												
Power 5B	2008 - 11 - 19	16 : 33 : 10	Weekend <input type="button" value="v"/>	<input type="radio"/> ON <input checked="" type="radio"/> OFF												
Power 6A	2008 - 11 - 19	16 : 33 : 15	Weekend <input type="button" value="v"/>	<input checked="" type="radio"/> ON <input type="radio"/> OFF												
Power 6A	2008 - 11 - 19	16 : 33 : 20	Weekend <input type="button" value="v"/>	<input type="radio"/> ON <input checked="" type="radio"/> OFF												
Power 7A	2008 - 11 - 19	16 : 33 : 25	Weekend <input type="button" value="v"/>	<input checked="" type="radio"/> ON <input type="radio"/> OFF												
Power 7B	2008 - 11 - 19	16 : 33 : 30	Weekend <input type="button" value="v"/>	<input type="radio"/> ON <input checked="" type="radio"/> OFF												
Power 8A	2008 - 11 - 19	16 : 33 : 35	Weekend <input type="button" value="v"/>	<input checked="" type="radio"/> ON <input type="radio"/> OFF												
Power 8B	2008 - 11 - 19	16 : 33 : 40	Weekend <input type="button" value="v"/>	<input type="radio"/> ON <input checked="" type="radio"/> OFF												
<b>System Startup Power Default Value</b>																
<table border="1"> <thead> <tr> <th>Power 5</th> <th>Power 6</th> <th>Power 7</th> <th>Power 8</th> </tr> </thead> <tbody> <tr> <td><input type="radio"/> ON</td> <td><input type="radio"/> ON</td> <td><input type="radio"/> ON</td> <td><input type="radio"/> ON</td> </tr> <tr> <td><input checked="" type="radio"/> OFF</td> <td><input checked="" type="radio"/> OFF</td> <td><input checked="" type="radio"/> OFF</td> <td><input checked="" type="radio"/> OFF</td> </tr> </tbody> </table>					Power 5	Power 6	Power 7	Power 8	<input type="radio"/> ON	<input type="radio"/> ON	<input type="radio"/> ON	<input type="radio"/> ON	<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> OFF
Power 5	Power 6	Power 7	Power 8													
<input type="radio"/> ON	<input type="radio"/> ON	<input type="radio"/> ON	<input type="radio"/> ON													
<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> OFF	<input checked="" type="radio"/> OFF													
<input type="button" value="Submit"/>																

**Date:** Input the date for the device to activate power controls. **Format:** (YYYY-MM-DD)

**Time:** Enter the exact time of when the device will be activated on. Format: (HH:MM:SS)

**Note:** Hour is based on a 24hr military time.

**Frequency:** Select the number of times this event will be activated (Disable, Just Once, Everyday, Workdays, Weekend)

**Disable:** Disables the scheduler

**Just Once:** Activates the schedule only once

**Everyday:** Activates everyday until schedule has been deactivated

**Workdays:** Activates every week from Monday – Friday until deactivated

**Weekend:** Activates every week on Saturday & Sunday until deactivated

**Power On / Off:** Set the power to On or Off when the scheduler is activated

**System Startup Power Default Value:** When 9258 Pro starts up, this setting will set the Power to On or Off as the default value.

## IP Service

The IP Service functionality allows your 9258 Pro to easily be found on the internet by using IP Service. This function allows you to search for your device on IPEdit without having to remember long IP Addresses. Instead all you need is the name of your 9258 Pro and you can access it there.

**Refer to Page 13 of the manual on how to use IP Service**

IP Service	
ON/OFF:	OFF <input type="button" value="v"/>
Server Address	<input type="text" value="220"/> . <input type="text" value="135"/> . <input type="text" value="169"/> . <input type="text" value="136"/>
<input type="button" value="Save"/> <input type="button" value="Cancel"/>	

**On / Off:** This allows you to turn on or off IPEdit. By default this function is enabled

**Server Address:** The IP Service Server address by default is **220.135.169.136**. *Please contact your distributor for information on how to setup your own IP Service*

**\*Note:** To use IP Service Make sure that you have port forwarded the IP Address of the 9258 Pro. IF not you will not be able to access your device.

## Ping

The Auto-ping functionality allows the 9258 Pro to check if the device have malfunctioned or needs to be restarted. If the device is no working correctly the 9258 Ping will activate the action that you have selected to reinstate the state of the device

Outlet	Enable	Ping Address	Ping Failures	Action Delay (Sec)	Startup Delay (Sec)	Startup Action	Action
Power1	DISABLE ▾	www.google.co.kr	3	3	3	Continue ▾	Reset ▾
Power2	DISABLE ▾	www.pchome.com.tw	3	3	3	Continue ▾	Reset ▾
Power3	DISABLE ▾	www.google.com	3	3	3	Continue ▾	Reset ▾
Power4	DISABLE ▾	www.hinet.net	3	3	3	Continue ▾	Reset ▾
Power5	DISABLE ▾	www.seed.net.tw	3	3	3	Continue ▾	Reset ▾
Power6	DISABLE ▾	www.aviosys.cn	3	3	3	Continue ▾	Reset ▾
Power7	DISABLE ▾	www.aviosys.com	3	3	3	Continue ▾	Reset ▾
Power8	DISABLE ▾	www.nba.com	3	3	3	Continue ▾	Reset ▾
Ping Interval & Response Settings							
Ping Time Interval	3		Seconds (Time between each Ping)				
Ping Response Time	3000		Millisecond (Waiting time for a ping response)				
Submit							

**Outlet:** A description of which on let to use Ping function

**Enable:** Disable or Enable ping settings

**Ping Address:** Specify the IP Address to Ping

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

**Action Delay (Seconds):** When Ping Failures is reached the number of seconds delay before action is activated.

*(I.E some systems or computers that require a shut down time)*

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

**Start up Action:** 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 9258 will either

**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:

Outlet	Enable	Ping Address	Ping Failures	Action Delay (Sec)	Startup Delay (Sec)	Startup Action	Action
Power1	ENABLE <input type="button" value="v"/>	www.sample.com	3 <input type="text"/>	3 <input type="text"/>	3 <input type="text"/>	Continue <input type="button" value="v"/>	Reset <input type="button" value="v"/>
Power2	DISABLE <input type="button" value="v"/>	www.aviosys.com	3 <input type="text"/>	3 <input type="text"/>	3 <input type="text"/>	Continue <input type="button" value="v"/>	Reset <input type="button" value="v"/>
Power3	DISABLE <input type="button" value="v"/>	www.yahoo.com	3 <input type="text"/>	3 <input type="text"/>	3 <input type="text"/>	Continue <input type="button" value="v"/>	Reset <input type="button" value="v"/>
Power4	DISABLE <input type="button" value="v"/>	www.google.com	3 <input type="text"/>	3 <input type="text"/>	3 <input type="text"/>	Continue <input type="button" value="v"/>	Reset <input type="button" value="v"/>
Power5	DISABLE <input type="button" value="v"/>	192.168.1.53	3 <input type="text"/>	3 <input type="text"/>	3 <input type="text"/>	Continue <input type="button" value="v"/>	Reset <input type="button" value="v"/>
Power6	DISABLE <input type="button" value="v"/>	www.aviosys.cn	3 <input type="text"/>	3 <input type="text"/>	3 <input type="text"/>	Continue <input type="button" value="v"/>	Reset <input type="button" value="v"/>
Power7	DISABLE <input type="button" value="v"/>	www.aviosys.com	3 <input type="text"/>	3 <input type="text"/>	3 <input type="text"/>	Continue <input type="button" value="v"/>	Reset <input type="button" value="v"/>
Power8	DISABLE <input type="button" value="v"/>	www.sample2.com	3 <input type="text"/>	3 <input type="text"/>	3 <input type="text"/>	Continue <input type="button" value="v"/>	Reset <input type="button" value="v"/>
<b>Ping Interval &amp; Response Settings</b>							
<b>Ping Time Interval</b>	<input type="text" value="3"/>	Seconds (Time between each Ping)					
<b>Ping Response Time</b>	<input type="text" value="3000"/>	Millisecond (Waiting time for a ping response)					
<input type="button" value="Submit"/>							

In the picture above:

- 1.) **Power1 Ping** function is **enabled**
- 2.) The 9258 Pro will ping the web address [www.sample.com](http://www.sample.com)
- 3.) If there is a response within the **Ping Response Time** the 9258 Pro will send another ping signal the set **Ping Time Interval** which is 3 seconds for this example.
- 4.) If the 9258 Pro 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 9258 Pro to **Reset** the device.
- 7.) Once the device has been reset the 9258 will go into **Startup Delay** mode. In this case it is 3 seconds.
- 8.) After the startup delay mode has been reached the 9258 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.

## Network Wakeup

The network wakeup function is used to boot up a computer that has the Wake on Lan functionality. Just enter the MAC address of the target computer and the 9258 Pro will be able to turn on the device.

Network Wakeup	
MAC:	<input type="text" value="00055D7C0B82"/>
<input type="button" value="Save"/> <input type="button" value="Send"/>	

## Change Password

The change password page allows you to change your password for the 9258 Pro. To change the password:

Please Enter the Following	
Old Password:	<input type="password" value="....."/>
New Password:	<input type="password" value="....."/>
Confirm New Password:	<input type="password" value="....."/>
<input type="button" value="Submit"/>	

- 10.) Enter the current password.
- 11.) Type in the New Password
- 12.) Confirm New Password

## Firmware Update

Follow the instructions carefully and update with caution.

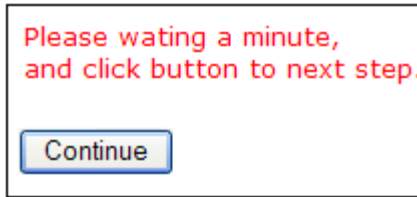
- 1.) Click the update Button.

**Firmware Update**

**Instructions**

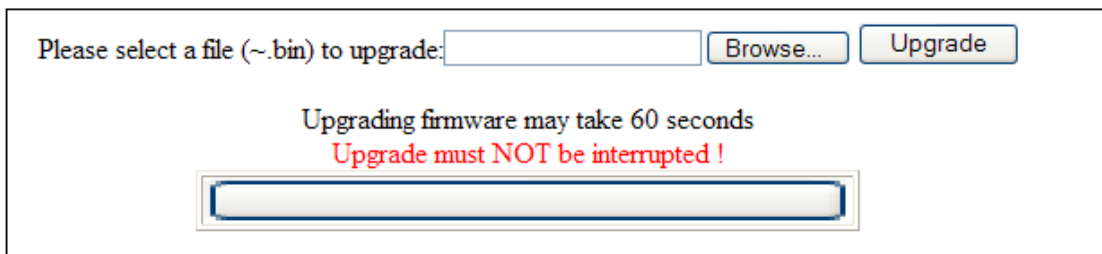
- 1.) Please wait a few seconds for the confirmation page to load.
- 2.) Hit the continue button to continue to the update page
- 3.) Select the correct firmware, Hit the upgrade button and the system will reboot automatically.
- 4.) Then re-login to make sure that the firmware update was successfully completed.

- 2.) Wait for the continue button to load properly. Then hit the continue button.



- 3.) Once you have clicked continue the 9258 Pro will take you to the update page.
- 4.) Browse for the update file
- 5.) Hit the update button and wait for as least 1 minute for the upgrade to complete.

### Upgrade Firmware



### Time Change

The change time feature allows you to change time of your device by setting the time or selecting a NTP server.

Date / Time (yyyy-mm-dd HH:MM:SS):	
<input type="text" value="2008"/>	<input type="text" value="12.15.13 : 11 : 38"/>
NTP Server IP Address:	
<input type="text" value="192.43.244.18"/>	TimeZone: <input type="text" value="8"/>
<input type="button" value="SAVE"/>	<input type="button" value="NTP"/>

### Set Date and Time

To set the time of the device enter the Date/ Time with  
**Date:** YYYY-MM-DD                      **Time:**24HH-MM-SS

### NTP Server

The NTP Server allows the 9258 Pro to check with a NTP (Network Time Protocol) to constantly keep the internal clock of the device updated.

## 9.) Controlling the Device

### CGI HTTP Commands

CGI Commands allow you to easily integrate the 9258 Pro with other systems and programs. Please read the instructions carefully on how to use the Http:// Commands

To use http:// Commands open up a web browser and type in the command that you would like to use.

The command structure looks like this

`http://xxx.xxx.x.xxx/Set.cmd?user=USER+pass=PASSWORD+CMD=COMMAND`

### Set Power Command

The Set Power Command on the 9258 Pro uses a 16 base Hexadecimal to turn on and off the ports.

#### Command:

`SetSysIO+IO=01+Delay=1`

<http://xxx.xxx.x.xxx/Set.cmd?user=admin+pass=12345678+CMD=SetSysIO+IO=HexValue+Delay=Delaytime>

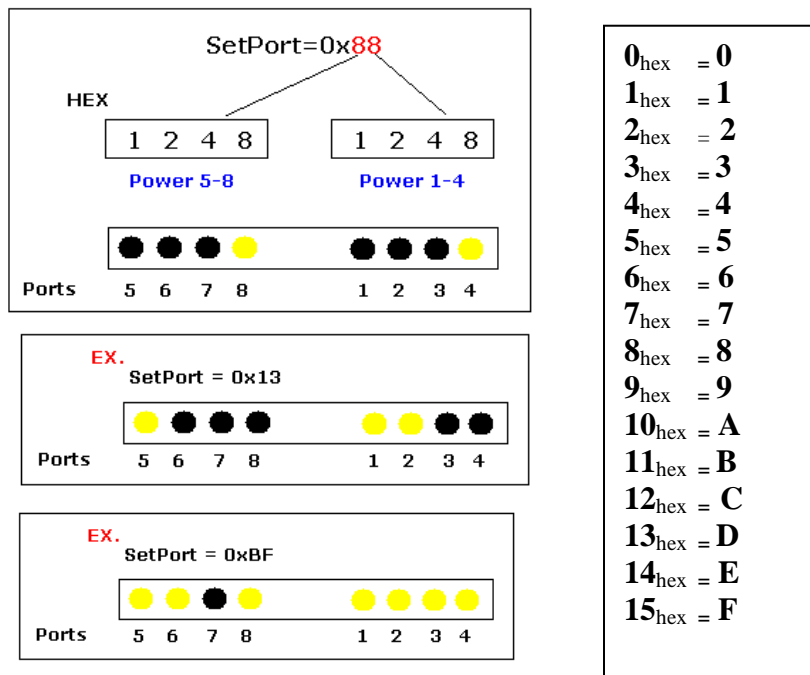
**SetSysIO+IO:** Use a Hex Value to select the ports to control.

**Delay:** The time in seconds you want the action to delay.

#### Example:

<http://192.168.1.39/Set.cmd?user=admin+pass=12345678+CMD=SetSysIO+IO=01+Delay=1>

Please view the picture chart below for more details.



## **Set Name Command**

**Command:**

SetPortN+CH=Port Number+PortN=Name of Port

<http://xxx.xxx.x.xxx/Set.cmd?user=admin+pass=12345678+CMD=SetPortN+Ch=Port Number+PortN=Name of Port>

**Example:**

<http://192.168.1.39/Set.cmd?user=admin+pass=12345678+CMD=SetPortN+Ch=1+PortN=test1>

*Response Message:* Port1Name\_Set\_Ok

## **Get Name Command**

**Command:**

GetPortN+CH=Port Number+PortN=Name of Port

**Format:** <http://xxx.xxx.x.xxx/Set.cmd?user=admin+pass=12345678+CMD=GetPortN+Ch=Port Number+PortN=Name of Port>

**Example:**

<http://192.168.1.39/Set.cmd?user=admin+pass=12345678+CMD=GetPortN+Ch=1+PortN>

*Response Message:* Port1Name:test1

## **Get Firmware Version Command**

**Command:**

GetVersion

**Format:**

<http://xxx.xxx.x.xxx/Set.cmd?user=admin+pass=12345678+CMD=GetVersion>

**Example:**

<http://192.168.1.42/Set.cmd?user=admin+pass=12345678+CMD=GetVersion>

*Response Message:* Version:V1.025

## **Get Time Command**

**Command:**

GetSysClock

**Format:**

<http://xxx.xxx.x.xxx/Set.cmd?user=admin+pass=12345678+CMD=GetSysClock>

**Example:**

<http://192.168.1.9/Set.cmd?user=admin+pass=12345678+CMD=GetSysClock>

**Response Message:** YR:2008 MO:01 DATE:05 HR:11 MN:38 SEC:42

## **Set Time Command**

**Command:**

SetSysClock+Y=YYYY+M=MM+D=DD+h=HH+m=MM+S=SS

**Date Parameters**

Y=Year in YYYY format

M=Month in MM format

D=Day in DD format

**Time Parameter**

H=Hour in HH (24 hour Military Format)

M=Minutes in MM format

S=Seconds in SS format

**Format:**

<http://192.168.1.100/Set.cmd?user=admin+pass=12345678+CMD=SetSysClock+Y=YYYY+M=MM+D=DD+h=HH+m=MM+S=SS>

**Example:**

<http://192.168.1.100/Set.cmd?user=admin+pass=12345678+CMD=SetSysClock+Y=2008+M=7+D=30+h=15+m=44+S=55>

**Response Message:** YR:2008 MO:07 DATE:30 HR:15 MN:44 SEC:55

## **Set Device Gateway Command**

**Command:**

SetFactory+GATEWAY=xxx.xxx.x.xxx+Confirm=FactoryOnly

**Format:**

<http://192.168.1.100/Set.cmd?user=admin+pass=12345678+CMD=SetFactory+GATEWAY=xxx.xxx.x.xxx+Confirm=FactoryOnly>

**Example:**

<http://192.168.1.100/Set.cmd?user=admin+pass=12345678+CMD=SetFactory+GATEWAY=192.168.1.1+Confirm=FactoryOnly>

**Response Message:** Gateway: 192.168.1.1

## **Set Device DNS Command**

**Command:**

SetFactory+DNS=xxx.xxx.x.xxx+Confirm=FactoryOnly

**Format:**

<http://xxx.xxx.x.xxx/Set.cmd?user=admin+pass=12345678+CMD=SetFactory+DNS=xxx.xxx.x.xx+Confirm=FactoryOnly>

**Example:**

<http://192.168.1.100/Set.cmd?user=admin+pass=12345678+CMD=SetFactory+DNS=202.103.225.68+Confirm=FactoryOnly>

**Response Message:** DNS:202.103.225.68

## **Turn DHCP ON/OFF**

**Command:**

SetFactory+DHCP=x+Confirm=FactoryOnly

**Format:**

[http://xxx.xxx.xxx/Set.cmd?user=admin+pass=12345678+CMD=SetFactory+DHCP=\(0=off 1=on\)+Confirm=FactoryOnly](http://xxx.xxx.xxx/Set.cmd?user=admin+pass=12345678+CMD=SetFactory+DHCP=(0=off 1=on)+Confirm=FactoryOnly)

**Example:**

<http://192.168.1.100/Set.cmd?user=admin+pass=12345678+CMD=SetFactory+DHCP=1+Confirm=FactoryOnly>

**Response Message:**

DHCP: 0

or

DHCP: 1

## **View Log Command**

**Command:**

GetLog+Num=01~50

**Format:**

<http://xxx.xxx.x.xxx/Set.cmd?user=admin+pass=12345678+CMD=GetLog+Num=01~50>

**Example:**

<http://192.168.1.42/Set.cmd?user=admin+pass=12345678+CMD=GetVersion>

Log No. 1 Newest Log

Log No. 50 Oldest Log

**Response Message:**

**Sample Log:**

Power1:ON  
Power2:ON  
Power3:OFF  
Power4:OFF  
Power5:OFF  
Power6:OFF  
Power7:OFF  
Power8:ON  
Socket1:TurnOn  
Socket2:TurnOn  
Socket3:TurnOff  
Socket4:TurnOff  
Socket5:TurnOff  
Socket6:TurnOff  
Socket7:TurnOff  
Socket8:TurnOn  
LogNO.1 PortState:83-PortAct:ffTime:2008-12-16 17:02:54

**What this log shows:**

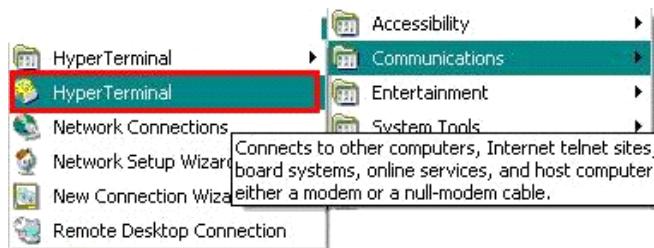
Status of Powers 1-8  
Status of Sockets 1-8  
Log NO.1

## ***Serial Com (RS-232) Control***

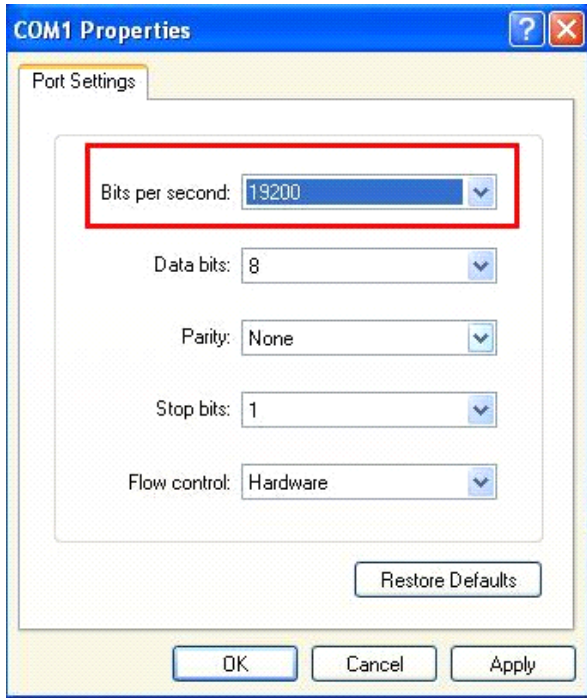
### **Com1**

The Com1 allows you to read the status of the 9258 Pro. Information can be extracted through this port like an output

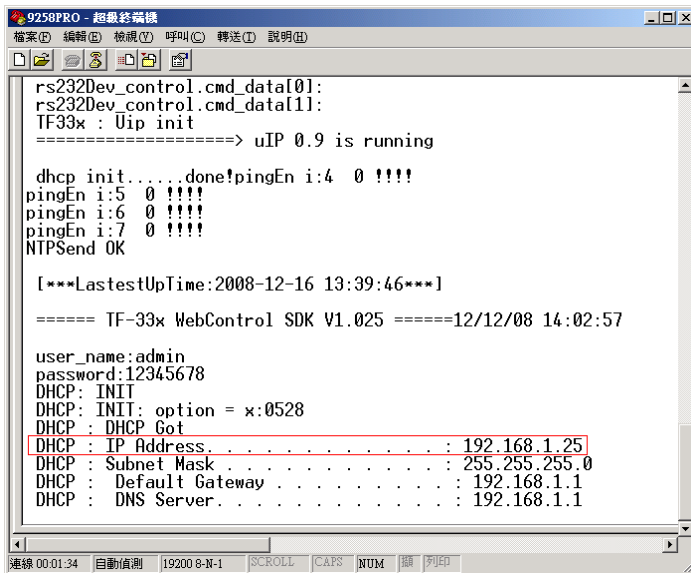
- 1.) Use DB9 cable connect to the COM1 of PC and the RS232 of device
- 2.) Execute WIN program "**Hyper Terminal**" : please go to " Start" / "program" / "Accessories" / "Communications" / "Hyper Terminal" .



- 3.) Set the "Bits per second" as 19200 at COM1 (Must at COM1)



4.) Turn off the device then turn it back on and the screen will display the following information:



## Com2: High speed

The Com2 port which is a high speed serial port which is a input port for the 9258 Pro via serial port.

## SetPort Command

The SetPort utilizes a 16 base Hexadecimal to control the power ports of the 9258 Pro. This command is case sensitive please type in the commands very carefully.

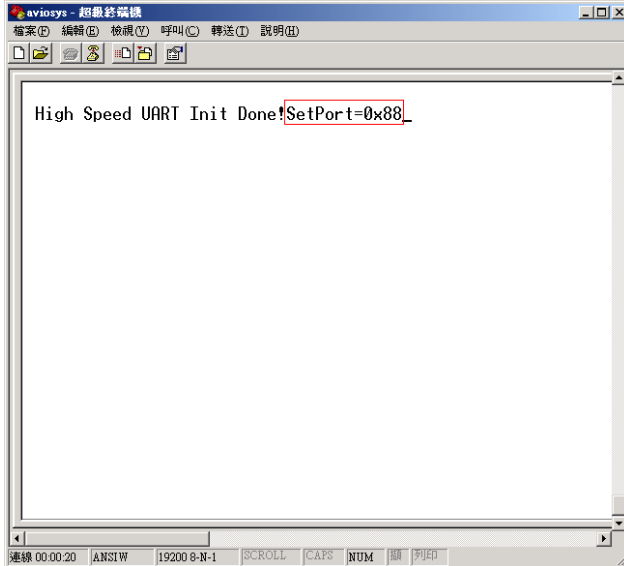
### The SetPort=0xNn

**N** = Represents Ports 5-8

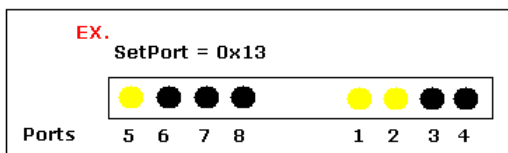
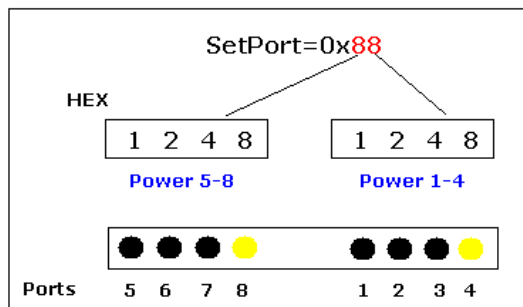
**n** = Represents Ports 1-4

By using 16 base Hexadecimal you tell the device to turn on the different power ports.

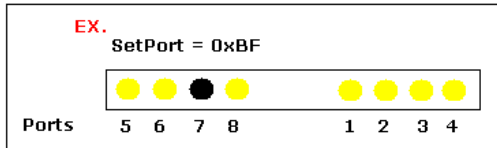
The SetPort command will need to be input in the Hyperterminal console like the picture below



View the examples below for additional information.



<b>0</b> <sub>hex</sub>	=	<b>0</b>
<b>1</b> <sub>hex</sub>	=	<b>1</b>
<b>2</b> <sub>hex</sub>	=	<b>2</b>
<b>3</b> <sub>hex</sub>	=	<b>3</b>
<b>4</b> <sub>hex</sub>	=	<b>4</b>
<b>5</b> <sub>hex</sub>	=	<b>5</b>
<b>6</b> <sub>hex</sub>	=	<b>6</b>
<b>7</b> <sub>hex</sub>	=	<b>7</b>
<b>8</b> <sub>hex</sub>	=	<b>8</b>
<b>9</b> <sub>hex</sub>	=	<b>9</b>
<b>10</b> <sub>hex</sub>	=	<b>A</b>
<b>11</b> <sub>hex</sub>	=	<b>B</b>
<b>12</b> <sub>hex</sub>	=	<b>C</b>
<b>13</b> <sub>hex</sub>	=	<b>D</b>
<b>14</b> <sub>hex</sub>	=	<b>E</b>
<b>15</b> <sub>hex</sub>	=	<b>F</b>



## Other Commands

### Changing Baud rate

**Command:**  
SetSerTxSt+Str

**Format:**

<http://xxx.xxx.xxx/Set.cmd?user=admin+pass=12345678+CMD=SetSerTxSt+Str=TestCOM2>

**Example:**

<http://192.168.0.1/Set.cmd?user=admin+pass=12345678+CMD=SetSerBdRt+BD=57600>

**Response Message:**

BaudRate:57600

### Input Command String

**Command:**  
SetSerTxSt+Str

**Format:**

<http://xxx.xxx.xxx/Set.cmd?user=admin+pass=12345678+CMD=SetSerTxSt+Str=TestCOM2>

**Example:**

<http://192.168.0.1/Set.cmd?user=admin+pass=12345678+CMD=SetSerTxSt+Str=TestCOM2>

**Response Message:**

Message will be displayed on the Hyperterminal console.



### Read Console Command

**Command:**  
SetSerRxSt+Str

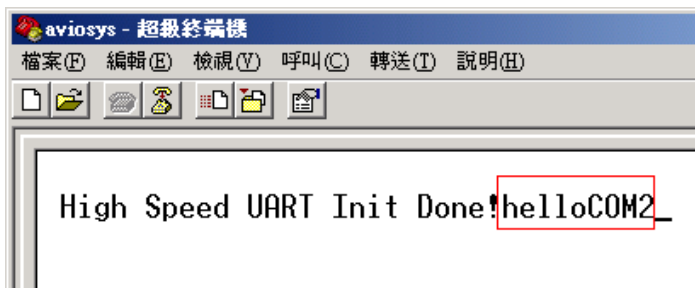
**Format:**  
<http://xxx.xxx.xxx/Set.cmd?user=admin+pass=12345678+CMD= SetSerRxSt>

**Example:**  
<http://192.168.0.1/Set.cmd?user=admin+pass=12345678+CMD= SetSerRxSt>

**Response Message:**  
Command will return the input string that was entered in hyperterminal

Refer to example below

**Step 1:**  
Type in a line into the Hyperterminal Console.  
In this example the text is **helloCOM2**



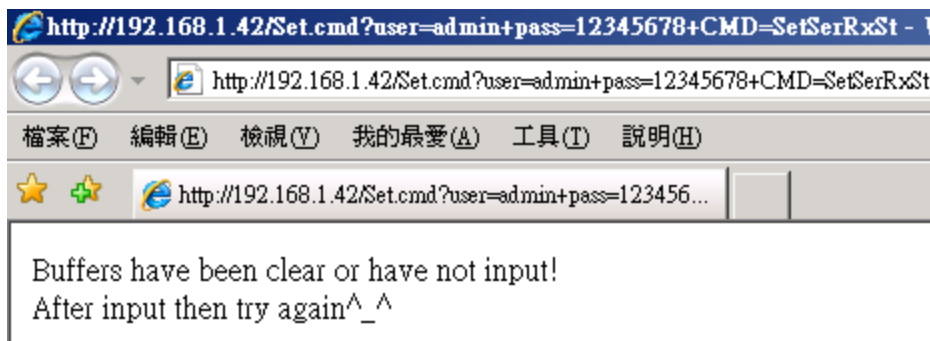
**Step 2:**  
Type in the command to read hyperterminal

<http://192.168.1.42/Set.cmd?user=admin+pass=12345678+CMD=SetSerRxSt>

**Results:**  
The screen will display the words helloCOM2 on your internet explorer.

To Erase the memory use the same Command  
<http://192.168.1.42/Set.cmd?user=admin+pass=12345678+CMD=SetSerRxSt>

and you will get the following message.



## SNMP

### Initial Setup:

- 1.) Download Net-SNMP (<http://www.net-snmp.org>) and install the software
- 2.) Once the software has been installed Register the agent
- 3.) Register the agent
- 4.) Start the service

### SNMP MIB

Please restart for any changes to take effect.	
IP Address:	192 . 168 . 1 . 89 . 80
Subnet Mask:	255 . 255 . 255 . 0
Default Gateway:	192 . 168 . 1 . 1
DNS:	168 . 95 . 192 . 1
Trap IP:	192 . 168 . 1 . 253
SNMP	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
DHCP Client	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
BEEPER	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Http Command Verification	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Device Name:	IP9258PRO
Release Version:	V1.027 2009/03/13
<input type="button" value="Submit"/> <input type="button" value="Cancel"/>	

### Get Status MIB

Port 1: **1.3.6.1.4.1.92.59.2.1.0**

Port 2: **1.3.6.1.4.1.92.59.2.2.0**

Port 3: **1.3.6.1.4.1.92.59.2.3.0**

Port 4: **1.3.6.1.4.1.92.59.2.4.0**

Port 5: **1.3.6.1.4.1.92.59.2.5.0**

Port 6: **1.3.6.1.4.1.92.59.2.6.0**

Port 7: **1.3.6.1.4.1.92.59.2.7.0**

Port 8: **1.3.6.1.4.1.92.59.2.8.0**

**Ex:** snmpget -v 1 -c public 192.168.1.96 1.3.6.1.4.1.92.59.2.1.0

Response: SNMPv2-SMI::enterprises.92.59.2.1.0 = INTEGER: 0

Integer 0 = Off

Integer 1 = On

### Get Voltage MIB

#### **1.3.6.1.4.1.92.59.3.1.0**

**Ex:** snmpget -v 1 -c public 192.168.1.96 1.3.6.1.4.1.92.59.3.1.0  
Response: SNMPv2-SMI::enterprises.92.59.3.1.0 = INTEGER: 113

### Get Current MIB

#### **1.3.6.1.4.1.92.59.4.1.0**

**Ex:** snmpget -v 1 -c public 192.168.1.96 1.3.6.1.4.1.92.59.4.1.0  
Response: SNMPv2-SMI::enterprises.92.59.4.1.0 = INTEGER: 0

### Get Current 2 MIB

#### **1.3.6.1.4.1.92.59.4.2.0**

**Ex:** snmpget -v 1 -c public 192.168.1.96 1.3.6.1.4.1.92.59.4.2.0  
Response: SNMPv2-SMI::enterprises.92.59.4.2.0 = INTEGER: 0

### Get Temperature MIB

#### **1.3.6.1.4.1.92.59.5.1.0**

**Ex:** snmpget -v 1 -c public 192.168.1.96 1.3.6.1.4.1.92.59.5.1.0  
Response: SNMPv2-SMI::enterprises.92.59.5.1.0 = INTEGER: 51

### Set Port MIB

#### **1.3.6.1.4.1.92.59.2.1.0**

Port 1: **1.3.6.1.4.1.92.59.2.1.0**  
Port 2: **1.3.6.1.4.1.92.59.2.2.0**  
Port 3: **1.3.6.1.4.1.92.59.2.3.0**  
Port 4: **1.3.6.1.4.1.92.59.2.4.0**  
Port 5: **1.3.6.1.4.1.92.59.2.5.0**  
Port 6: **1.3.6.1.4.1.92.59.2.6.0**  
Port 7: **1.3.6.1.4.1.92.59.2.7.0**  
Port 8: **1.3.6.1.4.1.92.59.2.8.0**

Integer 0 = Off

Integer 1 = On

**Ex:** snmpset -v 1 -c public 192.168.1.96 1.3.6.1.4.1.92.59.2.1.0 integer 1  
Response: SNMPv2-SMI::enterprises.92.59.2.1.0 = INTEGER: 1

## 10.) XML Functionality

The 9258 Pro supports XML. Before you can start using it you will need to enable it by using the http command:

<http://xxx.xxx.x.xxx/Set.cmd?user=admin+pass=12345678+CMD=EnableXML>

Once the XML is enabled you should see a message that says: **EnableXML**

Once XML has been enabled to access the XML type in the command:

<http://xxx.xxx.x.xxx/info.xml>

The XML commands are listed below:

<http://xxx.xxx.x.xxx/info.xml>

<http://xxx.xxx.x.xxx/Set.cmd?user=admin+pass=12345678+CMD=EnableXML>

<http://xxx.xxx.x.xxx/Set.cmd?user=admin+pass=12345678+CMD=DisableXML>

Please view the XML output for reference.

```
<?xml version="1.0" encoding="utf-8" standalone="yes" ?>
<!DOCTYPE root (View Source for full doctype...)>
- <root>
- <Power_Information>
  - <Power_Info>
    <Power1>asdf-->ON</Power1>
    <Power2>asdf-->ON</Power2>
    <Power3>qwer-->ON</Power3>
    <Power4>qert-->ON</Power4>
    <Power5>asdf-->ON</Power5>
    <Power6>awer-->ON</Power6>
    <Power7>qwer-->ON</Power7>
    <Power8>qwer-->ON</Power8>
  </Power_Info>
  - <Input_Info>
    <Voltage>106</Voltage>
    <Current1>0</Current1>
    <Current2>0</Current2>
    <Temperature>24</Temperature>
  </Input_Info>
</Power_Information>
- <Product_Information>
  - <Device_Info>
    <User_Name>max9258PRO</User_Name>
    <IP_Address>192.168.1.148:80</IP_Address>
    <IP_Mask>255.255.255.0</IP_Mask>
    <IP_Gateway>192.168.1.1</IP_Gateway>
    <IP_DNS>168.95.192.1</IP_DNS>
    <IP_Mac_Address>00:92:59:12:12:01</IP_Mac_Address>
  </Device_Info>
  <Version>V1.025 2008/12/12</Version>
</Product_Information>
</root>
```

## 11.) Frequently Asked Questions (F.A.Q)

**Q1:** How do I reset the device back to manufacturer default values?

**Ans:** In the front panel of the 9258 Pro, there is a reset feature that will reset the device back to manufacturer default settings. Take a pen or small pin, then press and hold for about 10-15 seconds. Once you hear a single “beep” sound the device will be reset back to manufacturer default

**Default IP:** 192.168.1.100 (When 9258 Pro is connected to PC directly)

**Default Login:** Admin

**Default Password:** 12345678

**Q2:** What is dual switch technology?

**Ans:** Dual Switch technology is an additional safety feature of the 9258 Pro. Unlike conventional power distribution units or remote power control units the 9258 Pro has a dual switch design which will completely cut off the power to the devices. Other designs which do not have this feature will may create a harmful environment that will affect the devices or the things around it. Below is a picture of

**Q3:** How come I can not connect to my device from an outside network?

**Ans:** To use the device outside of LAN (Local Area Network. If a router is present you will have to port forward the Local IP Address of the 9258 Pro so that it could be reached by the outside world. Please refer to the manual on how to accomplish this task.