IP Power 9258S / 9258T

9258S+Ping / 9258T + Ping

USER MANUAL

IP POWER 9258S / T , 9258S/T+Ping
Version: V5.03
Firmware Version: V5.16
SEP, 2020

Warning:

Any changes to this equipment without permission may cause damages to your equipment! This equipment has been proved by CE & FCC to can be prevented from the influence of harmful electronic jamming in normal business use condition.

IMPORTANT NOTIC

1. We have no responsibility for the possible damage caused by improper usage or abnormal working environment.
2. Do not use IP POWER in strong shaking condition.
3. Please contact the dealer If IP POWER works improperly.

VER. 5.02

Table of Content

1. Introduction

IP POWER 9258 is a web controller which can be easily used in the industry field. With the remote network control technology, user can control or query the power supply of equipment. User can do this in any computer connected to the internet or local area network, there is no special program needed, also there is no need to open the external case of the computer.

Try to imagine that while traveling in a foreign country, you can control the power supply of your electric equipments, such as a computer, a server, a router, an entrance guard or security / surveillance system directly or use a time schedule comes with the IP POWER 9258. You can remotely control the power switch with any computer connected to the network, which is not only convenient, but it also big saving on the manpower and time.

Feature

1. Built in web server, can be used through the Ethernet or Internet network.

2. Support multiple browser, such as Internet Explore.

3. **Control 4 sets AC outlet equipment at the same time.**
   * **9258T / T+Ping   - Outlet NEMA5-15P**
   * **9258S / S+Ping   - Outlet IEC320 - C13.**

4. Supported HTTP , TCP/IP , SMTP, SNMP & TELNET .

5. Security passwords identify. Easily installed and can be updated online.

6. Supported RS232 port communication, indicate all kinds of real time state of 9258.

7. Safely designed for high voltage resistance and protection for leakage of electrical currency, using nonflammable material

8. **Network Server reboot** -- can remote control to reboot the power on for the PC or Server at remote site ,

9. **Timer Schedule** -- can pre-set the time schedule to turn power on / off thru Internet / Ethernet.

10. **Support NTP (Network Time Protocol) -** synchronize the time of 9258 to the Internet web address time.

11. **Arrange own webpage design :** Change the user-defined graphics and hyperlinks to customize the web pages by webpage SDK

12. Provide **SDK** for own Software develop and application.

13. **Safety shut down controlled PC/ Server (WINDOWS OS)**

14. **Auto Ping function :** Control On/ Off by Ping setting
     (S + Ping & T + Ping model only)

Specification

* Maximum rated voltage for each 4 outlet: 250V AC, 24V DC
* Maximum rated currency for each 4 outlet: **(Total) 15A AC/DC,**
* Maximum rated currency: **(Individual outlet) 6A AC/DC**
* Action delay: Max 10ms
* Working temperature: 0~ 50°C

2. Specification

Package contents

* 9258S /S+Ping - For EU / AU / UK

* 9258T / T+Ping - For USA / TW / JP

Option: Network RJ45 (Cat5) cable & Power cord

Minimum System Requirements

- ■   PC with Web Browser like Google Chrome , Firefox & IE
- ■   DHCP Router & PC

NOTICES:
1. IP Power 9258S: for **220-250V**, please use **power (IN) wire at 10A current.**
     Max output current: (total) 10A. Max (individual) 6A.

2. IP Power 9258T: for **100-120V**, please use **power (IN) wire at 15A current.**
     Max output current: (total) 15A. Max (individual) 6A.

3. Interface Description

IP Power 9258
Front interface shown below:

From left to the right

1. RESET: self-protect AC reset button. IP Power 9258 can cut off the power supply of outlets automatically if there is a shortcut or current overload. After user having solved the problem, push the **reset** button, the AC power supply will become normal.

2. LED: 4 LED indicator lights. If the LED is on, means the corresponding outlet is power on.
3. RS232 port: provide the power output state and get IP address to re-update if update fails

4. Circle sign and On & Off: Hardware power ON /OFF setup. Please do o refer page 11 for proper operation.

5. RJ45 Ethernet port: link to the net wire.

Rear interface shown below:

9258S:

9258T:

Port description (from left to the right)
1. 90-240VAC power input port
2. Power switch: the power switch ON /OFF of IP Power 9258.
3. OUT 1- 4: 4 individually switched AC outlets

4. Hardware & Software installation

Before you star to use IP Power 9258, please follow the steps below

- Check the package to make sure the contents is complete.
- Prepare one Ethernet HUB or Router
- Check the voltage of the power supply to make sure it is AC 110-240 volt
- Please confirm the specification of your power cable.
  - IP Power 9258S: for **220-250V**, please use the 1**0A** power cable.
  - IP Power 9258T: for **100-120V**, please use the 15**A** power cable.

Hardware installation

a) There is a PC connect to the Router or with network connection .

b) Connect the 9258 to the same Router by a network cable (RJ45) .

c) Power on 9258 , after 10 second , there is a beep sound which mean the boot up successful .

d) Connect the power adapters of the electric equipment to corresponding outlet
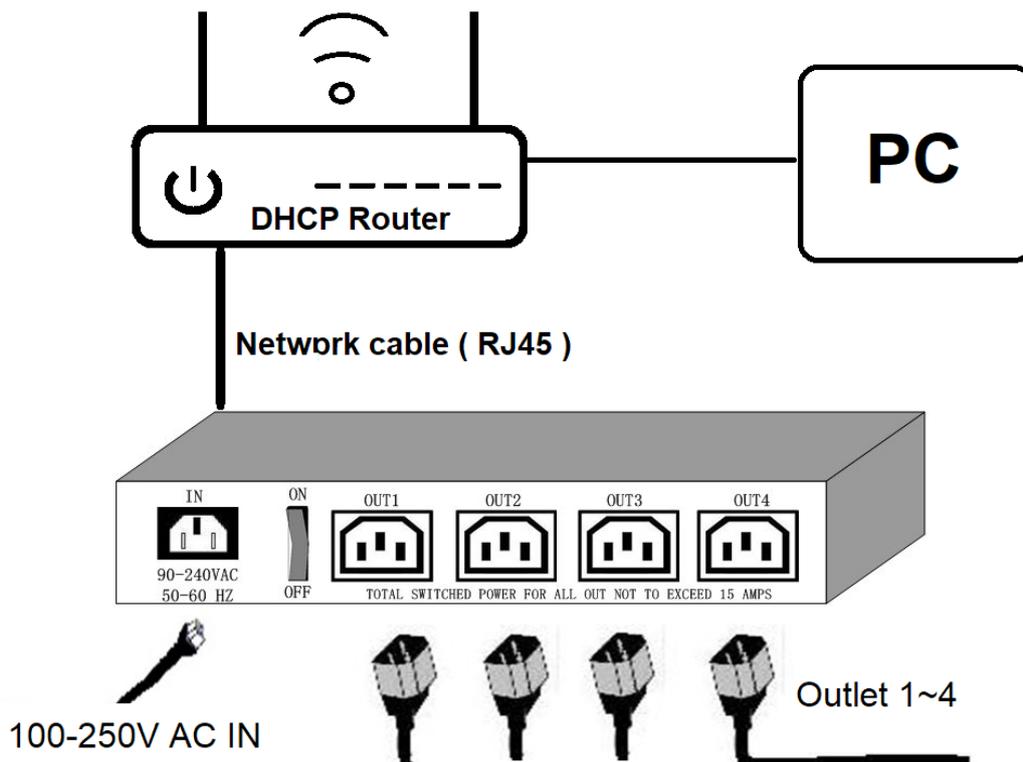
Software installation

Please go to our online CD link : www.aviosys.com/cd to get the IP Search tool "IPEDIT " and the manual .

IP Power 9820MT NEW

IP Power 9255

IP Power 9255PRO

IP Power 9258S & 9258T

English Manual [Download]
Chinese (Tr) Manual [Download]
English QI [Download]

Software:IP Edit [Download]

5. Initial Settings

Initial setting through the Ethernet

Open "**IPEdit.exe**". Make sure that the IP Power 9258 is properly turned on and there is an ethernet connection connected by a RJ45 cable.

ipEdit

In the local devices section of IPEdit all products under the same subnet network will appear. Please refer to below:

IPEdit

Local Devices

IP9258...........192.168.1.100

Change Device to yourself
Input Ref Button — REF

Name	IP9258
Gateway	192 . 168 . 1 . 1
IP Address	192 . 168 . 1 . 100
Netmask	255 . 255 . 255 . 0
HTTP Port1	80
HTTP Port2	0
MAC	00:92:58:00:F7:9F

PPPoE(ADSL)   DHCP   ● Static

Rescan   Submit   Reset

Command & Suggestion   Update   [F1] Help   Exit

IPEDIT will search and display all IP Products 9XXX series under the same local Ethernet. The default name for the IP Power 9258 is "**IP9258"**

1. Double click and highlight your IP Power 9258 device. The default device name and IP/Network settings will all be displayed on the right hand side of IPEdit.

Make sure that the IP Address of your 9258 is setup on the same subnet network as your PC's (Subnet mask, Gateway)

* 🔴 **Represents that your 9258 does not match the gateway of your router**.

(E.g. If the Default Gateway of your computer is 192.168.1.1 The IP Address of your 9258 will need to be set up to 192.168.1.XXX.)

2a. **Automatically Detect Network settings** (Please go to 2b. for steps on how to manually enter network settings)
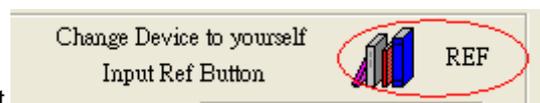
a.) Click on the REF button to the right of IPEdit

b.) Please wait a few seconds while IPEdit detects your network settings. Then click the Apply button to apply the new network settings
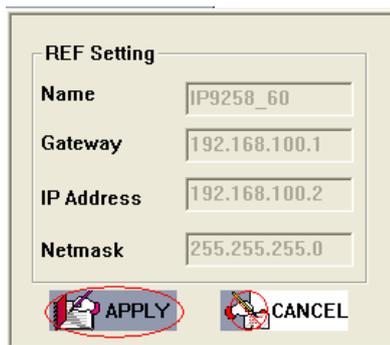
2b. **Manually enter network settings In Ipedit:**

a.) You can manually enter the networks settings for the following:

　　The name: (please use numbers or letter)
　　Gateway IP: (The default gateways IP can be found using
　　IP Address: (please set in the same subnet as your PC) in the text windows.

b.) Then click **Submit** after the settings have been selected. Wait about 20 seconds for the new settings to be updated.

c.) Click **Rescan,** and the new device settings will display in text window.

Notice: If you cannot get into the webpage of the 9258, please make sure to set subnet of the IP Power 9258 to match with your PC Subnet Mask.

● **To obtain the IP information manually:**

In Windows Go to:
    a.) Start --> Run --> type in "cmd" --> Hit enter and the MS –DOS window will open,
    b.) Now type in "ipconfig"

The last set of numbers of the IP address can be any number between 1~254, but cannot be same as your PC, hub, router or any device in the network. Please use "IPDdit.exe " to get the IP of IP Power .

* Same **SUBNET**: The first 3 sections of IP address is same - XXX.XXX.XXX.abc. The part of XXX must be the same.
(E.g. If IP address is **192.168.1**.100 , then another IP address **192.168.1**.123 then these IP Addresses are in same subnet.)
5 .The default username and password of IP Power 9258 are:
        Username: admin
        Password: 12345678

6. Hardware Control & Settings

* This function teaches you how to use the hardware control the power on/off of the devices

NOTE:
This function is solely used for manually selecting which ports you need to be on or off. It was designed so that you can still have the ability to turn on or off certain ports in the case you do not have Ethernet connection.

Before using the H/W control function, please UNPLUG all the 4 connection or ports connected to the 9258.

Control panel as follow:

To activate Hardware control: Hold the On/Off Button for 5 seconds until you hear one beep which activates the H/W Control function. The LED lights in the front panel should continuously flash and you can hear the relay clicking when activated.

To deactivate Hardware control: Hold the On/Off Button for 5 seconds until you hear one beep which deactivates the H/W Control function.

1. **Left Button** (Circle button): Select power outlet 1 ~4.
2. **Right Button** (ON/ OFF): Turn ON/OFF each outlet.

HARD RESET
To Reset the Device Back to Manufacturer Default:

a) First Turn off the device wait for 5 seconds , **Press and hold** the two buttons on the front panel of the 9258 at the same time. , then power on the 9258
b) Keep holding until you here 2 short "beep" sounds and one long "beep" sound.
c) Once the device has been reset refer to the following settings below.

Factory default settings:

It get IP by DHCP – assigned from user`s router .

Please use a router (with DHCP enable) to conntect to 9258

User Name: admin.
Password: 12345678

7. Control & Settings

IP9258 Log In

Please enter user name and password.

User Name: [   ]

Password: [   ]

[OK] [Cancel]

To login to the IP Power 9258 device through web browser like google chrome / Internet Explorer, type in the IP Address of your device to log in .   This will take you to the IP 9258 Login page.

Default User Name: admin   **Default Password**: 12345678

Once you have typed in the correct login information click okay and you can start making changes to the web server.

The Control Console :   The left side Menu of the Web Interface control the functionality and setup of the IP Power 9258. There are 4 main sections which will be explained in details below.

IP9258

2014-09-11 15:30:37

[Power]

[System]

[Log Out]

- ● **Device name & Time**

- ● **Power :** Controls , Schedule & Ping.
            (Ping function is for 9258S+Ping & 9258T+Ping model only)

- ● **System : Setup , Password , Network wake up & IP Service.**
- ●
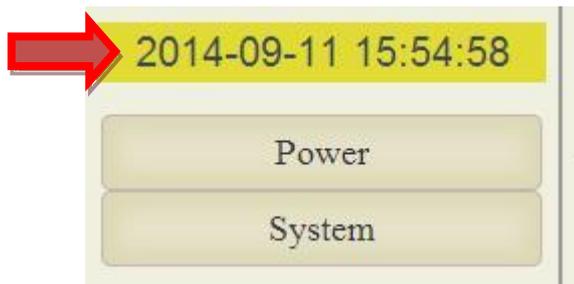- ● **Logout**

Device Name & Time

A.   Device Name :

This section show the device name & Time. Device name can be change in System → Setup → Device Name .
Please change the name in English only and do not use symbol like !@#$%^&*()_+ and so on . Click the **SAVE**
bottom to save the new name .

Note: The device name can be search by IP Service in IPEDIT to be search easily on Internet .
Please refer page 21 for the IP Service function .

B.   Time :

In this section, it shows Time at Year – Month – Date   Hours : Minutes : Seconds .

User can setup the time manually or press " local time " bottom to get the PC `s time .
Or use the time of **Network Time Protocol (NTP)**   Server .

NTP function: customer can synchronize the time of 9258 to the Internet web address time.
Please refer following sample list for the IP address of the NTP server :
* 131.246.9.116
* 139.18.25.34
* 128.176.191.9

Note: To work NTP, please do connect to Internet and 9258 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.

Power

With this page the user can control the Power On/Off of the 4 separate outlets manually , setup the delay time manually and group control - control 4 It also includes a timer feature that allows you to delay in seconds when you want the power to activate after you click on apply.

Control: Turns on or off the device connected

Schedule :

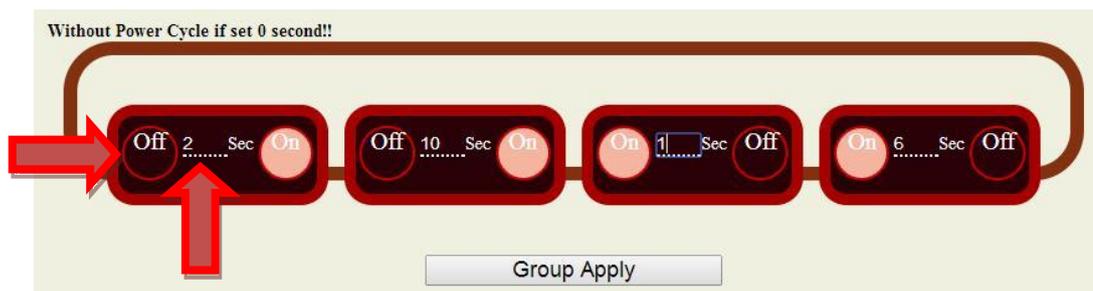**Ping : For Ping model only**

A.　Control

User can do the following 3 basic operation in this page :

A-1 . Manual control each port ON or OFF directly by pressing the power sign.

A-2. Power Cycle & Group Setting :

 This section allow user to setup the output Reset action and Group control . The cycle time from OFF to ON can be set from 1 to 99 seconds

A-3 Edit the name of each outlets

B. Schedule : Control each power outlets by Schedule:

With the power schedule , the user can setup power daily events to control the devices attached to the 9258

Support parameter of operate schedule:
- Disable
- Just Once
- Every day
- Work Day: From Monday to Friday.
- Weekend: Saturdays and Sundays
- Monday & Thursday
- Tuesday & Friday
- Wednesday & Saturday

C. Ping Function: *Only Available on the 9258 Ping model

The Ping Function (Only on the 9258 Ping Model) was created to automatically act as a watch dog for the devices attached. If the devices attached to the 9258 does not respond appropriately, the 9258 will restart the device automatically.

Notice: To use Ping function , please do make sure the DNS setting is correct .

Settings

Enable Settings to Start Pinging device

- Power : to enable / disable the ping function

- IP /Host : Enter the IP Address or Host name of the device that you are trying to ping

- Failure Times : The times of Unsuccessful Ping responses.

- Before Action : After "Failure Times" reached its setting number, this is the time (second) before the "Action " execute .

- After Action : After the " Action" execute , this is the number of seconds before the after action occurs.

*Note: This is also known as the PC or Device Startup Time. Set this to number to 90 or above to prevent infinite looping of the device.

- Repeat : This is the command to continue ping or to stop ping.

- Action: From here you can Reset, On, Off on the device

- Ping Interval: The number of seconds between each unsuccessful Ping

- Ping EchoWait: The number of Milliseconds that the Ping will wait for a response from connected device

Note:
1. When the Ping function is enabled, it is possible that user may not receive the e-mail sent from 9258 to notify the user, due to the bandwidth limit of the IP Address.
2. Do not use the relay delay switch function when the Ping function is enabled. In the Setup page, the delay switch is not relative with Ping function.

System Setting

There are 6 sections : Setup , Password , Network Wakeup & IP Service .

A. Setup – System Configuration

Click on the **Setup link** located on the left hand column. In this page the user will be able to manually enter the **IP Address, Subnet Mask, Default Gateway, DNS, SNMP , TELNET , DHCP , Beeper, Http Command , Switch Interval (Delay Switch) , Device name and Version.**

 IP address Settings: Ethernet (LAN) and Internet

- IP Address: please type in the IP address provided by your ISP. If IP Power 9258 is working with a Router, please
refer to the network settings of the Router. -

● Local Area Network (LAN):
In LAN, you can set a fixed IP address or gain it from a DHCP server automatically. We recommend you use a fixed IP
address so you can access the 9258 through the internet.
Now type the new IP address in the address field of IE, you can visit the 9258. You also can use the ipedit.exe to find
the IP Power 9258 and modify its IP address.

● Work on Internet :
User can set the IP provided by your ISP. If the IP Power 9258 has a public IP address,
you can control it through the Internet. IP Sensor 9258 supports fixed IP, DHCP.

- Subnet Mask: please type in the Subnet Mask provided by your ISP. If IP Power 9258 is working with a Router,
please refer to the network settings of the Router.

- Default gateway: please type in the Default Gateway provided by your ISP. If IP Power 9258 is working with a
Router, please refer to the network settings of the Router.

- DNS Server: please fill in the IP address of DNS server. If you are in Taiwan, you can set it to 168.95.1.1.

- DHCP : Enable– activate DHCP service. DHCP will assign IP address for each PC.
Disable – shut down the DHCP service. You can set the IP address by yourself.
- Beeper: Enable – activate the beeper.   Disable – turn off the beeper.
If you control the 9258 through the web page, the beeper will beep once when the operation works.

- Http Command : Setup the control possibility from HTTP command or SDK

 1. Select Enable: To enable Http command & SDK control
 2. Select Disable: To disable Http command & SDK control

- Switch Interval: Support delay 0~120 Seconds to delay the On/Off action as manually control.

- Device Name : User can setup the device name

NOTICE:

1)   **IP address format**: XXX.XXX.XXX.XXX:YYYY YYYY means the port number,
(I.E 192.168.1.100:2345)
Port ranges from: 1 to 32767
.
2) **Subnet Mask**: Ranges from 0 to 254 (xxx.xxx.xxx.0 ~ xxx.xxx.xxx.254)

3) If **DHCP is disabled**, then the user must set the **TCP Port** and **default Gateway** .If **DHCP is enabled**, then
the TCP port will be preset to 80(xxx.xxx.xxx.xxx:80) and the default gateway will be set by the DHCP server.

B. DDNS

9258 do not supply free DDNS Server .

C. EMAIL SETUP:

9258 do not supply SSL or other public email server .

D. Password :

Click the "**Change password** "button on the left to enter the password change page.

User can change it into any password (not longer than 8 bit), then click **apply** button to save the change. To change the password you will need to type in the Old Password first, then enter the new password and finally confirm the new password.

<div align="center">

Password Setup

Old Password:	
New Password:	
Confirm New Password:	

Save

</div>

Note : **If forget the password , Use username " super user " when log in webpage and then click "OK " turn power off for few second and then turn ON power . 9258 will to set back to default password.** (There is space between super and user.)

E. Wake on LAN (WOL):

Remote Wake up PC by MAC address in Ethernet (LAN)
Use Network port (RJ45), you can wake PC on WAN by PC `s MAC address.

Wake on LAN (WOL) premise:
(1) First the main board needs to have Wake on LAN support. There must be a port to connect to your network card. If the motherboard supports WOL ，will need to enable this function in the BIOS setting.
(2) Your network card must also support "WOL", remember to connect your connect cable to Main board or the network card cannot send the "power on" message to your motherboard.

After both the motherboard and network card have been setup, you can use WOL function by following the steps below:

Step 1: Log in 9258 web page and go to "Network Wakeup"
Step 2: Type in your MAC address then press "send" – the PC will be power ON.

<div align="center">

Network Wakeup Setup

MAC:	FFFFFFFFFFFF

Save   Send

</div>

F. IP Service

<div align="center">

IP Service

Country:	
City:	
CNT :	Disable ▼ Server1 ▼ (Smart phone direct control)
IP Service :	Disable ▼ Enable Internet Search Tools

Save   Cancel

</div>

IP Server gives the user the ability to easily search for the name of the device other than searching for a long IP number. This flexibility allows the user to easily just remember the name of their device so they can access it with ease.

To Enable IP Server:

Go to **IPSrv Conf** on the Left hand side of the Webpage and then make sure you have **IPSrv On/Off** on **On**. The default IP server IP Address is **220.135.169.136** and provided.
The user can also setup his/her own IP Server system and use their own address as well.
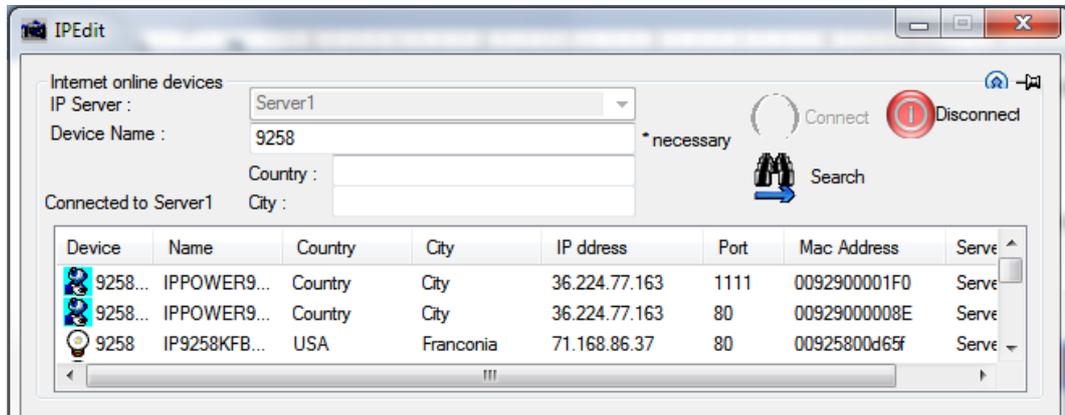
By setting the server address in IP server of advanced setup page, the user can easily search for his/her IP Power 9258-1U on internet just by searching for the name of the device. The **default IP address of IP server is 220.135.169.136.**

Step1: Click the green "connect" button
Step2: In the device name section: Type in the name of your device (Min of 3 letters)

Setting of software shut down controlled PC/ Server

9258 can be used to safely turn off the PC/Server through Network. With this feature you can remotely shutdown any PC/ Server which that is connected to the IP Power 9258 through normal Windows shut down procedure. Before operating the software shutdown function it is essential to install our software:

1. Please install program "IP9258service.exe "into the PC that will be controlled.
2. Documents created in programs like Microsoft office will not be automatically saved. The 9258 will still shutdown the controlled PC/server without saving the file.
3. You will need to reserve enough time for controlled PC/Server to shutdown after receiving a command from the 9258. Please set the delay time at 30 or 60 second in 9258 configuration webpage (setup --> **delay switch)**.

4. The controlled PC/Server must be in the same ETHERNET and the same SUBNET as the 9258.

Installing and Setup of the "IP9258service.exe":

1. Insert the CD that came with the device into the PC that you want to be able to turn off.

2. On the left hand side click on the ![SDK MORE▶ SOFTWARE DEVELOP KIT] Icon.
3. Go to the 9258 Series section and click on the Link that says Shutdown Program
4. Save to your desktop and double click " IP9258config.exe" ，to install the program:

9258Shutdown Program	Shutdown Program

5. Please fill correct information in each section :
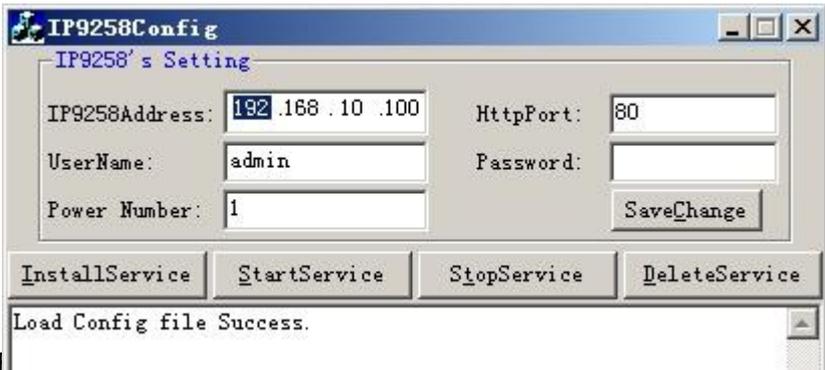
* II
* **Http Port**: Fill the port of 9258, default value is 80, if amend the port in 9258 please correct.
* **UserName**: admin
* **Password**: 12345678   (password can amend in web page)
* **Power Number:** Please enter the power number in the 9258 that you want to control (If many PC/Server use same power extended line, the extended line connect to channel 1 of 9258 and if all the PC / Server set as channel 1 and same IP address in IP9258service.exe , then all the PC/Server will be controlled at same time).

    a.) Click on "**Save Change** ".
    b.) Then Click "**InstallService**"
    c.) Then "**StartService**" then please shutdown the PC/Server.
    After the PC has been restarted, the function will be in effect.

8. SNMP – MIB Tree

9258 support SNMP V1 and V2 , user can use snmp program to get the status of each port in 9258. We also supply standard MIB tree . Please contact with your distributor for the information.

Return value ＝1 ; the relevant outlet is power on
Return value ＝0 ; the relevant outlet is power off
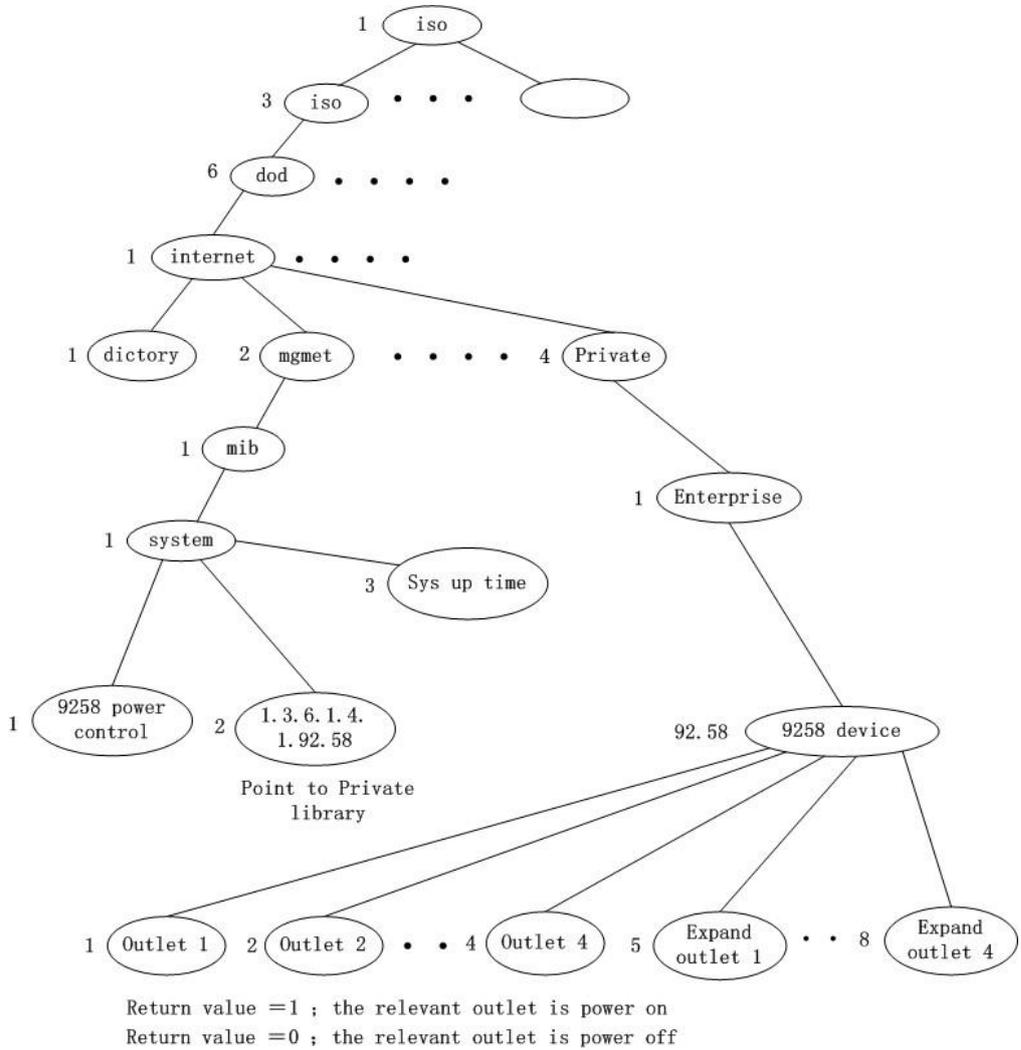
9. HTTP Command & TELNET

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

* Password in http: for Browser IE 7.0 or below

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

* Password not in http: for Browser IE 7.0 and higher

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 9258xx with any other system.

Command format:
http://ip:port/set.cmd?cmd=setpower+p61=1+p62=0+p63=1+p64=1

Outlet	Power On	Power Off
Output 1	61 = 1	61 = 0
Output 2	62 = 1	62 = 0
Output 3	63 = 1	63 = 0
Output 4	64 = 1	64 = 0

Ex. For 4 Ports Control On / Off
http://192.168.1.3/set.cmd?cmd=setpower+p61=1+p62=0+p63=1+p64=1
Output: p61=1 p62=0 **p**63=1 p64=1

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

b.) Read Power Command
Set Port On/Off
http://192.168.1.3/set.cmd?cmd=setpower+p61=1 (relay open) , setpower+p61=0(relay closed)

P61=1

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

P61=1

c.) Power Delay
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)

d.) Read Schedule
Command: per command of each schedule status
http://ip:port/set.cmd?user=admin+pass=12345678+cmd=getschedule+power=xx,

xx means Schedule item number : 1a, 1b, 2a, 2b, 3a, 3b, 4a, 4b

One command to get one schedule status.

e.) Setup Schedule

Command format: One command to set one schedule status.

http://ip:port/set.cmd?user=admin+pass=12345678+cmd=setschedule+power=xx+yy=2006+mm=02+dd=16+hh=06+mn=02+ss=16+**param=128**+onoff=1

Parameter definition :

xx means Schedule item number : 1a, 1b, 2a, 2b, 3a, 3b, 4a, 4b
yy=2006 (Year 2006)
mm=02   (Month as February)
dd=16   (Date as 16)
hh=06   (Hour as 06:00am)
mn=02   (Minute)
ss=16   (Second)

param=000 disable
param=128 just once
param=255 every days
param=159 work day
param=224 weekend
param=137 mon&thu
param=146 tue&fri
param=164 wed&sat

onoff=0 off
onoff=1 on

f.) Read current value
- http://ip:port/set.cmd?user=admin+pass=12345678+cmd=getcurrent

TELNET

The 9258 supports telnet protocol and can be controlled in a telnet enabled environment.

To Login to the 9258 in telnet

1.) Make sure to go to command prompt and type in Telnet and the IP Address of your 9258 device.

```
C:\>telnet 192.168.1.153

9258NTelnet command shell
Please input username and password!
9258NTelnet-> admin:12345678
```

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

Telnet Commands

Help: The help command will provide
all the commands available on the 9258.
To get the commands in help type: help in
the telnet protocol.

```
Telnet 192.168.100.24

9258Telnet command shell
Please input username and password!
9258Telnet-> admin:12345678

    User name or password error!
9258Telnet-> admin:12345678

    Username and password is ok!
    Type 'help' and return for help
9258Telnet-> setport p6=4-1
p6=4,3,2,1
9258Telnet-> getpower
Power Status[4]: 0 0 0 0
9258Telnet-> setpower p6=1111

Power Status[4]: 1 1 1 1
9258Telnet-> setpower p6=xxxx

Power Status[4]: 1 1 1 1
9258Telnet-> getpower
Power Status[4]: 1 1 1 1
9258Telnet-> setport p6=1-4
p6=1,2,3,4
9258Telnet-> getpower
Power Status[1]: 1 1 1 1
9258Telnet-> setpower p6=0000

Power Status[1]: 0 0 0 0
9258Telnet-> setpower p6=xxxx

Power Status[1]: 0 0 0 0
9258Telnet-> getpower
Power Status[1]: 0 0 0 0
9258Telnet-> ▪
```

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

```
9258Telnet-> setpower p6=1111
Power Status : 1 1 1 1

9258Telnet-> setpower p6=0000
Power Status : 0 0 0 0
```

For example : The default status of each port are all OFF.

Telnet Command	Port 4	Port 3	Port 2	Port 1
setpower p6=1111	On	On	On	On
setpower p6=0000	Off	Off	Off	Off
setpower p6=0101	Off	On	Off	On
setpower p6=1010	On	Off	On	Off
setpower p6=xxxx	Off	off	off	off

1 : on
0 : off
x : ON/OFF status No change (x as lower case)

Get power: The get power command gives you the current status of the device. To get power on the device type:

```
9258Telnet-> getpower
Power Status : 1 1 1 1
```

When get power is typed all 4 ports will show whether the ports on on/off using 1's and 0's.

Setport : user can change the sequence of port action / read status display as 4-3-2-1 (default) or 1-2-3-4 .

setport p6=1-4   {outlets sequence 1234}

setport p6=4-1   {outlets sequence 4321}

10. FAQ

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 . 9258 will to set back to default password.** (There is space between super and user.)

Q2: Why does the on/off operation can not work immediately?

A2: If you operate the IP Power 9258 in a LAN environment, the operation will work immediately and smoothly. But ff you operate it through the Internet, the response time depends on the situation of the network and the speed of your internet. As place command through the HTTP/ CGI command , please place the command at 10 seconds time gap.

Q3: I can not get the 9258`s IP by your software "IPEDIT"

A3: Please refer the following possible parts for this 9258S not been searched by IPEDIT

1. Boot up successfully : Please reboot the 9258 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 9258 ,   please check the fuse part . There will be no power for 9258 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 9258 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 knowhow .

Q4: I can not login to the 9258 by default username & password after hardware reset ?

A4 : Please make sure to connect the 9258 with a router (with DHCP enable) and
       check the segment of your PC to be the same segment with 9258.

Q5 : How to enable NTP function ?
A5 : To work NTP, please do connect to Internet and 9258 will auto connect to NTP server.

IP9258

2019-03-01 13:54:49

| Power |
| System |
| Log Out |

System Time Setup

DateTime:(yyyy-mm-dd HH:MM:SS)
| 2019 | - 3 | - 1 | 13 | : 54 | : 48 |

NTP Server IP Address:
| 192 | 168 | 100 | 3 | TimeZone: 0 |

[Save] [NTP] [Local-Time]

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.

Q6: What is the default IP address of the 9258 ?

A6 : Please use a Router or Switch (with DHCP enable) to connect to 9258.
9258 will get the IP form the router and user can log in by the PC directly (under same segment)