PSE-308R/316R/324R Power Source Equipment (AC+DC Input, Gigabit PoE Midspan)

USER'S MANUAL



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1. Introduction

PSE-308R/316R/ 324R (Power Sourcing Equipment), is an AC+DC input, gigabit PoE Midspan which injects power over data-carrying Ethernet cabling. The PSE-308R/316R/324R, support 8, 16 and 24 ports respectively in a 10/100/1000BaseT Ethernet network, over TIA/EIA-568 Category 5/5e/6 cabling. DC operating power, for data terminal units, is fed over data pairs C (4/5) and D (7/8) of the cabling. Remote management of up to 24 units via TCP/IP protocol is featured, which allows greater flexibility in the locating of network devices and significantly decreasing installation costs in many cases.

The PSE-308R/316R/324R follows the IEEE 802.3af standard and is completely compatible with existing Ethernet switches and networked devices. This device normally powers PDs (Powered Devices) that are Power over Ethernet enabled or are equipped to receive power over Ethernet. The PSE tests whether a networked device is PoE-capable and power is never transmitted unless a Powered Device is at other end of the cable. It also continues to monitor the channel. If the Powered Device does not draw a minimum current, because it has been unplugged or physically turned off, the PSE shuts down the power to that port. Devices which are not equipped to receive power over Ethernet an external splitter in order to be powered. Contact Mstronic for such a splitter.

Features

8/16/24 port Power Sourcing Equipment (PoE midspan)
Support 8/16/24 ports full load, max. 134W/268W/403W
IEEE802.3af compliance
Remote power feeding of Ethernet terminals up to 100 meters
Auto detect PD, and support manual detect PD
Centralized power distribution for PoE powered Device (PD)
Independent overload and short-circuit protection per channel
Supports IEEE 802.3af non-standard device
Auto refresh port status and support Plug and Play feature for PD
Standard 19" or 23" rack mountable
DIY upgrade from 8 port to 24 port available
Remote manage up to 24 units via TCP/IP protocol
DC input available, can work with battery, non-interrupt performance.

Package Contents

Unpack the contents of the PSE-308R/316R/324R and verify them against the checklist below.

PSE-308R/316R/324R x 1 Power Cord x 1 Bracket x 2 (for 19" rack mounted) CD-ROM x 1 (Software Utility + User Manual)

Compare the contents of your PSE-308R/316R/324R package with the standard checklist above. IF any item is missing or damaged, please contact your local dealer for service.

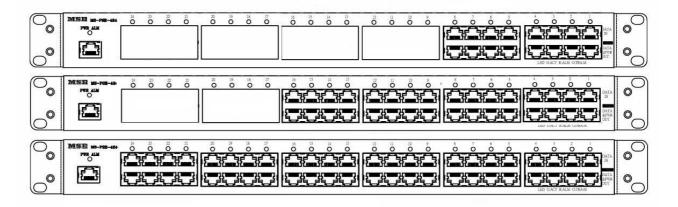
2. Hardware Description

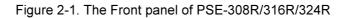
This Section mainly describes the hardware of the PSE-308R/316R/324R and gives a physical and functional overview.

Physical Dimension

PSE-308R/316R/324R physical dimension is: 430mm x 290mm x 44mm (Lx W x H) (1U,19" or 23" Rack mountable)

Front Panel





The Front Panel of the PSE-308R/316R/324R consists of 8/16/24 x RJ-45 Ethernet ports (data), 8/16/24 x RJ-45 PoE ports (data + power), 8/16/24 x LED port indicators, one LED power indicator and one RJ-45 remote control port (include one LED).

LED Indicators

The LED Indicators gives real-time information of systematic operation status. The following table provides descriptions of LED status and their meaning.

LED	Status	Color	Description
RJ45	On	Green	A network device is detected(10/100/1000 Mbps) but no communication activity is detected
KJ45	Blinking	Green	The Ethernet port is transmitting to, or receiving package from another device
	Off		No device is detected
	On	Green	Power feeding normally
Power	On	Red	Power or fan alarm
	Off		Power off
	On	Green	Power feeding
	Blinking	Orange	Detecting
Dorto	On	Orange	The port has been shutdown No power feeding
Ports	On	Red	Alarm No power feeding
	Off		Unknown device attached No power feeding

Table 2-1. The Description of LED Indicators

Rear Panel

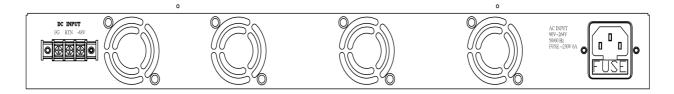


Figure 2-2. The Rear Panel of PSE-308R/316R/324R

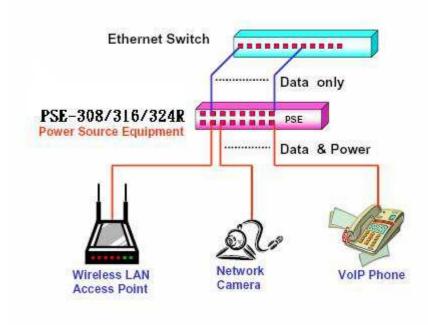
The AC inlet, DC input terminal and 4 Ventilation fan are located at the rear panel of the PSE-316R/324R, (PSE-308R only 2 fans). The device will work with AC in the range 100-240V AC, 50-60Hz. Or work with DC -56V(-42V~-57V).

Power On

Connect the power cord to the power socket on the rear panel of the PSE. The other side of power cord connects to the power outlet. The internal power supply of the PSE works with the voltage range of 100V-240VAC, frequency 50~60Hz, or with voltage range of DC -42V~-57V. Check the port, the power indicator will self-test on the front panel to see if power is properly supplied.

Network Application

The PSE can provide power to the PD which follow the IEEE 802.3af standard in the network. It can solve the problem of position limitation. The network device can be installed in a more appropriate position for better performance. The following figure is an example of a network application for PSE



RJ-45 Remote Control Port

PSE-308R/316R/324R can remotely manage the PoE via the network. To manage PSE-308R/316R/324R, you must to set the PSE-308R/316R/324R TCP/IP parameter. PSE-308R/316R/324R allowed you to use a standard Web-browser such as Microsoft Internet Explorer or Mozila, to set the TCP/IP parameter.

Before you use the web interface to set the PoE TCP/IP, verify that PSE-308R/316R/324R is properly installed on your network and PC on the network can access PoE via the web-browser.

- 1. Verify that PC network interface card (NIC) is operational on the TCP/IP protocol.
- 2. Supply power to PSE-308R/316R/324R.
- 3. Use RJ45 cable, connect PSE308R/316R/324R direct to your PC.
- 4. Make sure the PSE-308R/316R/324R default IP is 192.168.1.10.
- 5. Set your PC IP to 192.168.1.2 or other IP address which is located in the 192.168.1.x subnet.
- 6. Make sure the connector is OK (Ping 192.168.1.10 on the DOS mode).
- 7. Start the web-browser and type http://192.168.1.10 (or used PoE IP setting icon in

the PoE management software).

8. The login in screen will appear next.

		Microsoft Internet Explore			
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9. Key in ID (user name) and password to enter PoE TCP/IP parameter setting. Default ID and password is admin and system.

10. PSE-308R/316R/324R TCP/IP parameter has 4 pages interface (administrator setting, TCP Mode, UDP Mode and UART). You must change the administrator & TCP mode to fit your network.

11. Administrator setting: you can assign nickname, IP setting, user name, password and view system information.

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	Nickname	NetUART			
	IP Setting				
	IP Address	192]. 168.1	. 10		
	Subnet Mask	255 255 255	.0	-	
	Gateway	192 168 1	.1	-	
	IP Configure	💿 Static 🔘 D	НСР		
	Password Setting	2			
	Username	admin	max:15		
	Password		max:15		
	Confirm				
		Update			
	Load Default Setting to EEPROM	Load			

Nickname: You can assign a name to the device.

IP Address: You must assign the IP address reserved by your network. The default IP is 192.168.1.10.

Subnet Mask: You can assign the subnet mask for the IP address. The default subnet mask is 255.255.255.0.

Gateway: You can assign the gateway here. The default gateway is 192.168.1.1.

IP Configure: You must assign to Static for PoE serve operation. The default IP configure is Static.

Username: You can assign new user name. The default setting is admin.

Password/Confirm: You can type in new password here. The default setting is system.

When you have finished the set up, click on Update to update your setting.

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			Port Number	23	
		Remot	e Server IP Address	210	.200 .181 .102
		Client n	ode inactive timeout	20 m	inute (1~99,0=Disable)
		Server 1	node protect timeout	0 minute (1~	98,0=Disable,99=Can't replace)
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12. TCP Mode: You can update the TCP control parameter here.

Telnet Server/Client: Set to Server for PoE management operation.

Port Number: You can assign port number for TCP/IP operation. The default Port Number is 23.

Remote Server IP Address: Unused.

Clint mode inactive timeout: Unused.

Server mode protect timeout: Set to 0(Disable) for normal operation.

When you have finished the set up, click on Update to update your setting.

13. UDP Mode: This mode is not used in the PoE application.

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	Remote Address	0.0.0.0	0
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14. UART: You must set UART Control to RS232,9600,8,N,1 for PoE operation.

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Administrator Setting TCP Mode UDP Mode UART	UART Control		
Reset Device	Item	Setting	
	Mode	RS232 🛩	
	Baudrate	9600	
	Character Bits	8 🛩	
	Parity Type	nône 💌	
	Stop Bit	1	
	Hardware Flow Control	none 😪	
	Delimiter	□ Character 1: [∞] , □ Character 2: ^{FF} □ Silent time: ⁵ (1~255)*200ms □ Drop Character	
		Update	

Mode: Set to RS232 for PoE operation.

Baud rate: Set to 9600 bps for PoE operation.

Character Bits: Set to 8 bits for PoE operation.

Parity Type: Set to none parity for PoE operation.

Stop Bit: Set to 1 stop bit for PoE operation.

Hardware Flow Control: Set to none flow control for PoE operation.

When you have finished the set up, click on Update to update your setting.

PS: The PSE-308R/316R/324R don't used in the Telnet terminal.

🗿 http://192.168.1.10/ - Microsoft Internet Explorer 檔案(F) 編輯(E) 檢視(Y) 我的最愛(A) 工具(I) 說明(H) 🌀 上一頁 • 🕥 · 👔 😰 🏠 🔎 搜尋 🌟 我的最爱 🤣 🎯 🍪 🔜 🖄 網址① 🕘 http://192.168.1.10/ 🐱 🛃 移至 🏾 連結 🌺 Administrator Setting TCP Mode Reset Device UDP Mode UART Reset Device Reset 🥝 網際網路 🙆 完成 🛃 開始 🔄 🗿 😂 🔌 👋 📁 NetClient E Netclient 🍯 http://192.168.1.10/ -■

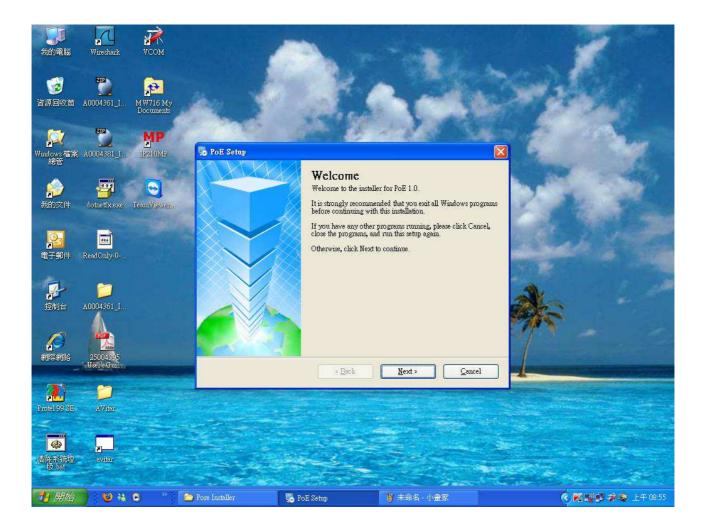
15. When you have configured your set up, you must reset the device to take effect.

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3. Software Utility Installation

Before you start to remote configure the PD, please install the software utility. Through the software utility, you can easily to control the PD which connects with PoE and view the PD parameter information. The software utility provides GUI interface and it is easy to install. The software utility supports Windows environment – Window 98, 2000, XP, Vista and Window 7. Please follow the below steps to install the software utility.

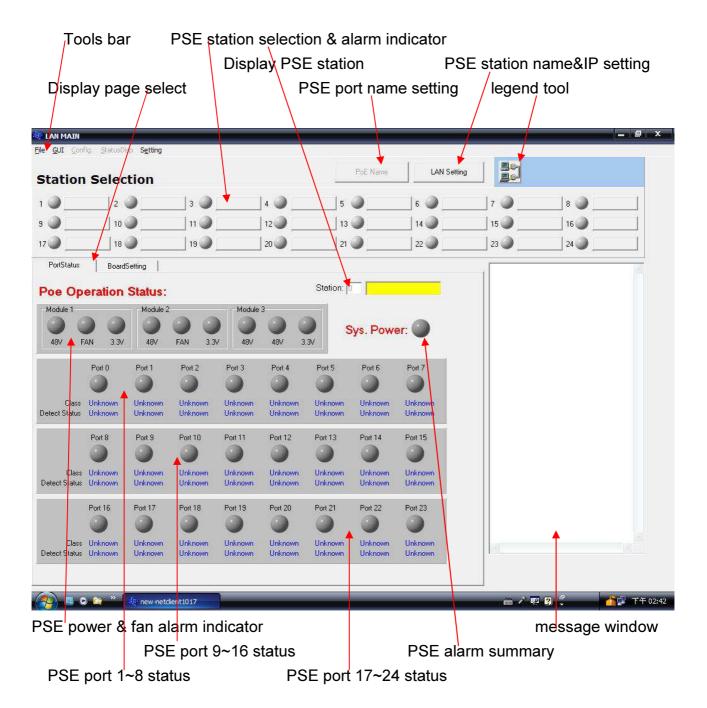
- 1. Insert the software utility CD-ROM into your CD-ROM drive.
- 2. Run the "setup.exe".
- 3. You will see the installation screen display.
- 4. Then, click the "Next" button to go next step.



4. GUI Management

Display and Illustration

Connect the PSE with a PC through the remote control port. Then, run the software utility (Netclient). You will see the main utility interface below.



System Login

Run the management software, the system will show the diagram below.

tation	Selec	tation Selection					PoE Name LAN Setting					
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• 🌒 🔛	10)	11 0		12 🔵 🔛	13		13 🥥	14 🔘	15 🔘 🔛	16 🕘 🦲	
17 🔘 📃	18		19 🕘		20		۵ [22 🥥 🔛	23 🕥	24 🥥		
PortStatus	Boards	Setting										
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	- au - au						- 14					
Module 1		Module 2		Module	3	-114						
Module 1		Module 2		Module	3 📲 Login Me	nu		×				
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0	AN 3.3V		00		💭 Login Me		Kenne a	-				
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48V F.	Port 0		FAN 3.3	V 48V	💭 Login Me		assword :	-				
48V Fr	Port 0	Port 1	FAN 3.3 Port 2 Unknown	V 48V	Please	enter pa	assword : enter	7 hown				
48V Fr	Port 0	Port 1 Unknown Unknown	FAN 3.3 Port 2 Unknown Unknown	V 48V	Unknown	enter pa	assword : enter Unknown	7 Dhown Unknown				
ABV Fr Class Detect Status Class	Port 0 Dunknown Unknown Unknown Port 8 Dunknown	Port 1 Unknown Unknown Port 9 Unknown Unknown	Port 2 Unknown Unknown Port 10 Unknown	V Port 3 Unknown Unknown Port 11 Unknown	Unknown	enter pa Unknown Port 13	unknown	Port 15 Unknown				
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Now enter the password, first enter the default setting which is "0000"

Modify Password

Click "File" and select "Modify PSW", you can modify the password, the system permits 3 sets of password.

	ation Selection				PoE Name LAN Setting					
tation	Select	tion				-				
PSE PSE	-324R 2 🤇)	3 🌑	V I	4 🥥 🔄	5	<u>ے</u>	6	7 🔘	8 🥥
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•	18)	19 🔵	ļ į	20 🥥 🔛	21	۰	22 🥥 🔄	23 🔵	24 🥥
PortStatus	BoardS	etting								configuration parameter done!
oe Op	eration	Status:				Station:			Disconnect all s	configuration parameter done!! erver
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Edit Station TCP/IP

Click "Setting", and select "LAN Setting", or click "LAN Setting" icon, the screen will enter IP Setting window.

e <u>G</u> UI Conf	ig. <u>S</u> tatusDis Select	LAN Set	Contraction of the local distance of the loc				PoE Name	LAN Setting		tus status
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7	18)	19 🥥 _]	20	21)	22 🥥	23 🔵	24 🥥
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Class Detect Status	1-1 Dunknown Open Circuit	1-2 Unknown Open Circuit	1-3 Unknown Open Circuit	1-4 Dunknown Open Circuit	1-5 Dunknown Open Circuit	1-6 Unknown Open Circuit	1-7 Dunknown Open Circuit	1-8 Unknown Open Circuit	Station1: Read of Station1: Sent Fa	ET BOARD STATUS commanc configuration parameter done!!
Class Detect Status	1-9 Unknown Unknown	1-10 Dunknown Unknown	1-11 Unknown Unknown	1-12 Unknown Unknown	1-13 Unknown Unknown	1-14 Unknown Unknown	1-15 Unknown Unknown	1-16 Unknown Unknown		
	147	1.18	1.19	1-20	1-21	1-22	1-23	1-24		
	Unknown Unknown	Unknown Unknown	Unknown Unknown	Unknown Unknown	Unknown Unknown	Unknown Unknown	Unknown Unknown	Unknown Unknown	*	III

In the IP Setting display window, you can edit the station name, TCP/IP address and port number. Click the Edit icon to modify this parameter. In the Edit window, click the View icon to display TCP/IP parameter.

Sta	tion 1-12	Station 13	-24				
Station;	Station Name:	Address:	Port:	PoE IP		Status	
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10 🔘				Setting	Connect		
11 🔘				Setting	Connect		
12 🔘				Setting	Connect		

Station Name: You can assign a name to the PSE device.

Address: You can assign the IP address for this PSE station.

Port:: You can assign the port number for this PSE station.

Edit Remote PoE IP

In the IP Setting display window, you can use "PoE IP Setting" icon to start the web-browser. To modify the remote PoE TCP/IP parameter, please reference RJ-45 Remote Control Port of section 2 Hardware Description (page 7).

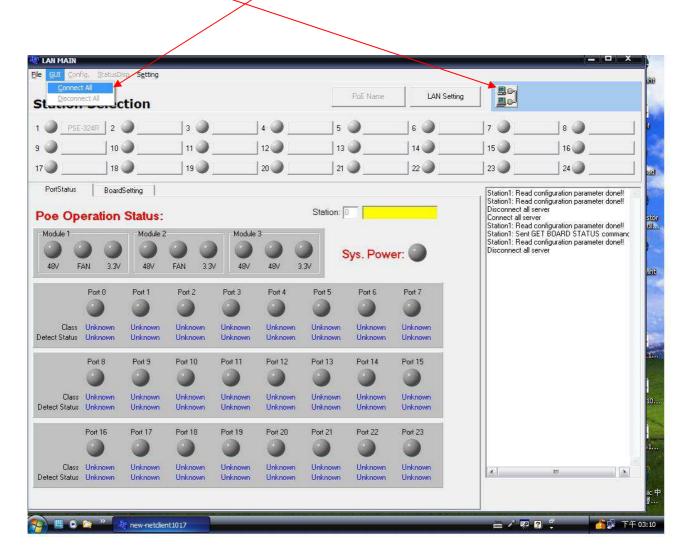
			24	Station 13-	ion 1-12	Stat
Status:		PoE IP	Port:	Address:	Station Name:	Station:
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	Connect	Setting				12
1						

Change Browse icon: You can use this icon to change the web-browser for remote PoE IP edit. The default web-browser is Microsoft Internet Explorer.

CLOSE icon: close IP Setting window, return to main page window.

GUI Connect All

In the main page window, click "GUI" and select "Connect All" command or click "connect all" icon, if the Station Selection window shows the name icon and displays power status(green or red) light, it means that the PSE connection is correct. You can then select station to configure you PSE.



GUI connect example:

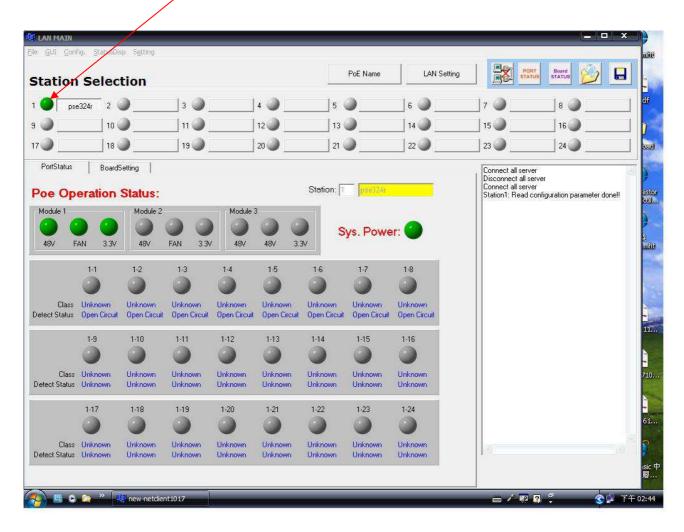
In the Station Selection window, the LED indicates real time connection of PSE.

Green-----this connection and PSE power are normal.

Red-----this connection is OK but PSE power is not correct.

Orange---this connection is not working ...

Gray-----this station is not setting.



Single Station Connect/Disconnect

In the IP Setting window, you can click Connect/Disconnect icon to enable/disable single station connection, the LED indicates real time status of TCP/IP.

Green-----TCP/IP connection is OK.

Red-----TCP/IP connection is not working.

Gray-----TCP/IP parameter is not setting.

-	ection	/	PoE	Name	AN Setting	
PSE-324R	IPSetting	IP Client Connection				
z.	Station 1-12	Station 13-	24			
perati	Station Station Na	ame: Address:	Port:	PoE IP		Status
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	3 🔘 🗌			Setting	Connect	Station1: Read configuration parameter do Disconnect all server Connect all server
	4			Setting	Connect	Station1: Read configuration parameter do Station1: Sent Factory setting! Station1: Factory setting restored!
ss Unkno us Open	5			Setting	Connect	Station1: Sent GET BOARD STATUS com Station1: Read configuration parameter do Station1: Sent Factory setting!
1-9	6			Setting	Connect	Station1: Factory setting restored!!
	7 🔘 🗌			Setting	Connect	
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1-17	9			Setting	Connect	
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	12		-	Setting	Connect	

Station and Status Window Select

The PSE management software can monitor 24 PSE simultaneously. In the GUI Disconnect all mode, only the IP Setting display window can be used to set the TCP/IP parameter. In the GUI Connector mode, there two display windows can choose - Port Status & Board Setting.

Port status and Board Setting show relative PSE Station status. If you want to change the status display window, only use the mouse to choose the relative word icon. If you want to change the station, also use the mouse to choose the station name icon.

Static	on Sele	ect dis	play ico	on	Statu	ıs disp	lay ico	n I	PSE station display	
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Station	Selec	tion	/			-	PoE Name	LANS	Setting	
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	10)	11 🔘		12	13	≥_/_	14 🌑	15 🥥 16 🥥	
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PortStatus	Board	ietting					/		Connect all server Disconnect all server	
Poe Op	eration	Status:				Station: 1	pse324r		Connect all server Connect all server Station1: Read configuration parameter done!!	
48V F7	AN 3.3V	48V 1-2	FAN 3.3V	1-4	48V 3.3		ys. Powe	r: 🔵		
	0	0		0	0	0	0			
Class Detect Status	Unknown Open Circuit									
	1.9	1.10	1-11	1.12	1-13	1.14	1.15	1-16		1
	0	0	0	0	0	0	\odot			
Class Detect Status	Unknown Unknown		7							
	1.17	1.18	1-19	1-20	1-21	1-22	1-23	1-24		
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Class Detect Status	Unknown Unknown									
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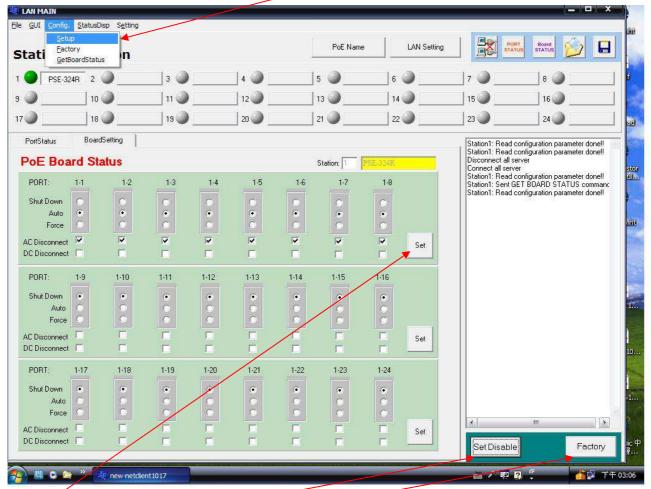
Edit Port Name

Click "Setting", and select "PoE Name" or click the "PoE Name" icon. The screen will enter IP Setting window. You can assign a name to the PSE port individually. In the "Module Select" window, select the suitable port that you require.

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ile <u>G</u> UI <u>C</u> onfig. <u>S</u> tatusDisp S <u>e</u>	itting		/		
Station Selectio	n i		PoE Name	LAN Setting	PORT Board STATUS
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PortStatus BoardSetting		Port Name s	etting		on1: Read configuration parameter done!!
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	odule 2 2 1-2	10 1.10	18 1-18	24 Port -	on1: Read configuration parameter done!!
	3 1.3	11 1-11	19 1-19		
48V FAN 3.3V	48V 4 1-4	12 1.12	20 1-20		
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1.9 1.1	8 1.8	16 1-16	24 1-24		
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1-17 1-1	8 1-19	1-20 1-21	1.22 1.23	1-24	
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Configuration

In the main page window, click "Config", and select "Setup", the screen will show the system control panel as below.



Set icon: Apply the operation mode to PSE system.

Set Enable/Set Disable icon: Change the Board Status window to set enable/disable. Factory icon: Apply the factory setting to PSE system.

You can setup Operation Mode/ AC Disconnect/ DC Disconnect of each port individually, then, click "Set".

PSE port operates in one of three modes: auto mode, force mode and shutdown mode. In auto mode, the port will detect and classify a PD to connect to, then immediately turn on the power if the detection was successful. In force mode, the port will not detect and classify a PD to connect to, but immediately turn on the power to the port. In shutdown mode, the port is disabled and does not detect or power on a PD.

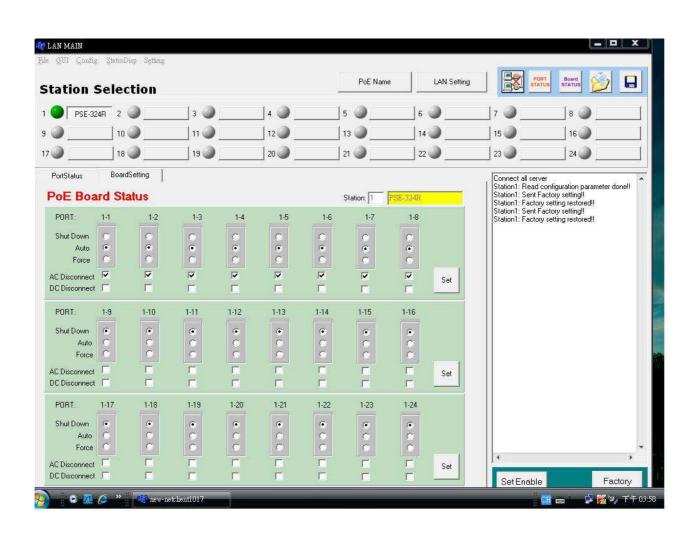
Factory Setting

Click "Config", and select "Factory" or click the "Factory" icon. The screen will show the factory setting control panel as below:

tation S	Selec	tion									s STATUS
PSE-32	4R 2 ()	3 🥥		4 🎱		5 🥥	6		7 🔘	8 🕘
۰	10		11 🥥		12 🔵 🔤]	13 🥥	14		15 🥥	16 🕘
۵	18)	19 🥥)	20 🔘		21 🥥	22		23 🥥	24 🌑
PortStatus	Boards	Setting								Connect all server	
oE Boa	rd Sta	itus					Station: 1	SE-324R	<u> </u>	Station1: Read co	nfiguration parameter done!!
PORT:	1-1	1-2	1-3	1-4	1.5	1.6	1-7	1-8		N	
Shut Down	C	•	C	0	C	0	0	C			
Auto	•	• •	•	٢	2 Co	mfirm	- 22				
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C Disconnect				Ē	Ë I	是(Y)	- 否ND		Set		
		ines)		2				<u> </u>			
PORT:	1-9	1-10	1-11	1-12	1-13	1-14	1-15	1-16			
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PORT:	1-17	1-18	1.19	1-20	1-21	1.22	1-23	1-24			$\langle \rangle$
3											\backslash
Shut Down Auto	•	•	•	e C	•	•	•	•			\backslash
Force	Ó	C	C	0	0	C	õ	C			
AC Disconnect	F	Committee of	F	-	Г		Г		Set	4	*

then click "Y" for the Factory Setting.

Factory setting as below: Operation Mode \rightarrow Auto (Auto, Force & Shutdown) AC Disconnect \rightarrow On (On & Off) DC Disconnect \rightarrow Off (On & Off)



Board Status

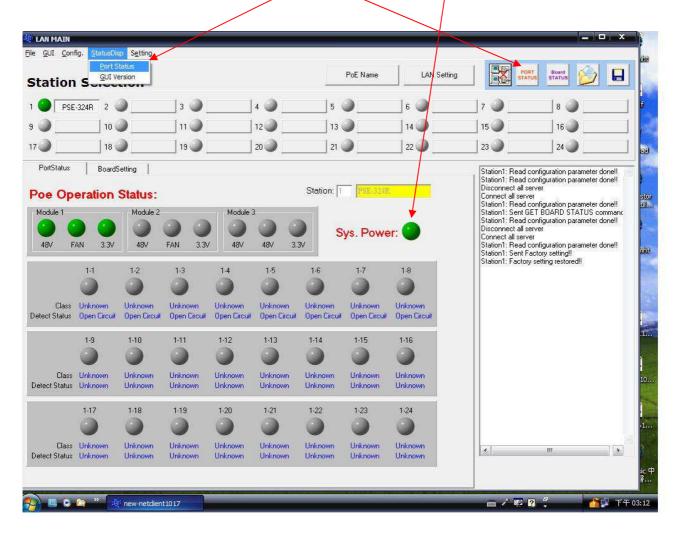
Click "Config", and select "GetBoardStatus", or click "Board STATUS" icon, the screen will show current status of each port.

<u>G</u> UI <u>Config</u> . Setu Eacto	2	sp S <u>e</u> tting					PoE Name	Ť	LAN Setting		T Board STATUS	
	oardStatu	în	1.0		1.0			i				
PSE-32	4R 2		3 🥥		4 🎱		5 🥥	6		7 •	8 🥥	
<u>ا ا</u>	10)	11 🥥		12 🌙		13 🥥	14	<u> </u>	15 🥥	16 🥥	
0	18		19 🔘		20 🥥		21 🥥	22	٠	23 🥥	24 🥥	
PortStatus	Board	Setting								, Station1: Read c		
oE Boa	rd Sta	atus					Station:	SE-324R	-	Station1: Read of Disconnect all serve	rver	meter done!!
PORT:	1-1	1-2	1-3	1-4	1-5	1-6	1-7	1-8		Station1: Read c Station1: Sent G	onfiguration para ET BOARD STA	meter done!! TUS commanc
Shut Down	0	0			•	0		C		Station1: Read of Disconnect all se	rver	meter done!!
Auto	۰	٠	۲	۲	٠	•	•	•		Connect all serve Station1: Read o		meter done!!
Force	0	۲	0	9	0	0	۲	0	·······	Station1: Sent Fa Station1: Factory	actory setting!!	
AC Disconnect	~	V		~	V				Set	Station1: Sent G Station1: Read c	ET BOARD STAT	TUS command
DC Disconnect				_	<u>, </u>					Station, head c	oninguration para	
PORT:	1-9	1-10	1-11	1.12	1-13	1.14	1-15	1-16				
Shut Down	0	C	0	0	0	0	0	0				
Auto	۲	۲	۲	۲	۲	۲	۲	•				
Force	0	0	0	0	0	•	9	0				
AC Disconnect		v	V	~			v		Set			
DC Disconnect	(1 -1)	acest.		<u>.</u>			Γ					
PORT.	1-17	1-18	1-19	1-20	1-21	1.22	1-23	1-24				
Shut Down	0	0	0	C	0		C	C				
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AC Disconnect	~			~					Set			
DC Disconnect	1 K			T			Ē		3	Set Disable	1	Factory

Port Status

In the main page window, click "StatusDisp", and select "PortStatus", or click the "PORT STATUS" icon, the screen will show current status of each port and current power supply status of each module.

If all power modules are working normally, the "Sys. Power" will show a green light, if any module has failed, the light will turn to red.



GUI Version

Click "StatusDisp", and select "GUI Version", the screen will show the version of the EMS utility

tation s	Port S GUI V	ersion					PoE Name		LAN Setting		Board STATUS	
PSE-32	4R 2	د	_ з 🌒		4		5	6	•	7 🌑	8	
۵	10		11 🔘		12 🔘 🔤		13 🔘	14	۰	15 🌒	16 🌒	
۰	18		19 🔘		20		21 🔘	22	۵	23 🕥	24 🥥 🔛	
PortStatus	Board	Setting									configuration parameter d	
PoE Boa	rd Sta	itus					Station:	PSE-324R		Station1: Read (Disconnect all server)		onell
PORT:	1-1	1-2	1-3	1-4	1-5	1-6	1-7	1-8		Station1: Read of Station1: Sent G	configuration parameter d ET BOARD STATUS co	mmanc
Shut Down	0	0		0	•	0	0			Disconnect all s		onell
Auto	•	•	•	•	•	•	•	•		Connect all serv Station1: Read of	configuration parameter d	onell
Force											setting restored!!	
AC Disconnect DC Disconnect		Γ		Г.	Г				Set	Station1: Sent G Station1: Read of Station1: Sent F	ET BOARD STATUS con configuration parameter di actory setting!!	mmanc onell
PORT:	1-9	1.10	1.11	1.12	1-13	1-14	1.15	1.16		Station1: Factor	v setting restored!!	
		110	1411	112		114	113	1.10				
Shut Down Auto		•	<u></u>									
Force	Ċ.	0	C		0	C	Ó	0				
AC Disconnect	V	V		V		V	V		Set			
DC Disconnect			Г			Π		Г				
PORT:	1-17	1.18	1-19	1-20	1.21	1.22	1-23	1-24				
Shut Down	0	0	C	0	0	C	0	0				
Auto		۲	•	•	۲	•	•	•				
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AC Disconnect			~	V	V		V	•	Set			ا اکر به

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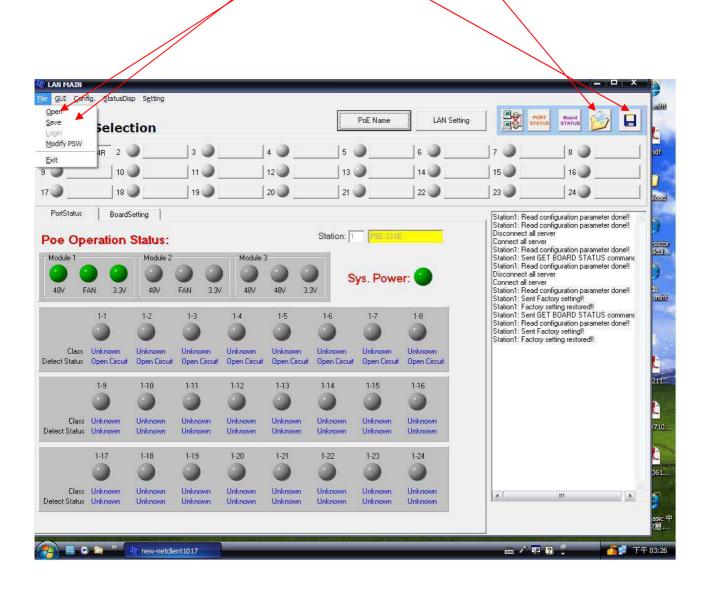
GUI Disconnect All

Click the "GUI", and select "Disconnect All", or click the "GUI disconnect all" icon to disconnect the communication between GUI and PSE.

Connect	1.172 (D)						PoE Name	LAN Setting	POR STAT	Board STATUS	
PSE	-324R 2)(3		4 🔘 📃	5)(6	7 🔘	8	
	10)	11 🔘]	12 🔵 🔛	13)	14 🥥	15 🥥	16 🥥 _	
7 🔵 📃	18)(19 🕘 _]:	20 🔵 📃	21)	22 🥥	23 🥥	24 🥥 _	
Module 1	eration 1	Status: Module 2		Module 3		Station: 1	PSE-324R		Station1: Sent GI Station1: Read c	onfiguration parameter d ET BOARD STATUS co onfiguration parameter d	mmanc
48V F/	AN 3.3V	48V	FAN 3.3V	481	48 ∨ 3.3		ys. Powe	r: 🙂	Station1: Sent Fa	er :onfiguration parameter d	lone!!
Class	1-1 O Unknown	1-2 Unknown Open Circuit	FAN 3.3V	1-4 Unknown Open Circuit	48V 3.3 1-5 Unknown Open Circuit		1-7 Unknown Open Circuit	1-8 Unknown Open Circuit	Connect all serve Station1: Read c Station1: Sent Fa Station1: Factory Station1: Sent GI Station1: Read c Station1: Sent Fa	er configuration parameter d actory setting!! v setting restored!! ET BOARD STATUS co configuration parameter d	mmanc
	1-1 O Unknown	1-2 O Unknown	1-3 Difference Unknown	1-4 O Unknown	1-5 O Unknown	1-6 Unknown	1-7 Unknown	1-8 Dinknown	Connect all serve Station1: Read c Station1: Sent Fa Station1: Factory Station1: Sent GI Station1: Read c Station1: Sent Fa	er configuration parameter d actory setting!! I setting restored!! ET BOARD STATUS co configuration parameter d actory setting!!	mmanc
Class Detect Status Class	1-1 Unknown Open Circuit	1-2 Unknown Open Circuit	1-3 Unknown Open Circuit	1-4 Unknown Open Circuit	1-5 Unknown Open Circuit	1-6 Unknown Open Circuit	1-7 Unknown Open Circuit	1-8 Unknown Open Circuit	Connect all serve Station1: Read c Station1: Sent Fa Station1: Factory Station1: Sent GI Station1: Read c Station1: Sent Fa	er configuration parameter d actory setting!! I setting restored!! ET BOARD STATUS co configuration parameter d actory setting!!	mmanc
Class Detect Status	1-1 Unknown Open Circuit	1-2 Unknown Open Circuit 1-10 Unknown	1-3 Unknown Open Circuit	1-4 Unknown Open Circuit 1-12 Unknown	1-5 Unknown Open Circuit	M 1-6 Unknown Open Circuit 1-14 Unknown	1-7 Unknown Open Circuit 1-15 Unknown	1-8 Unknown Open Circuit	Connect all serve Station1: Read c Station1: Sent Fa Station1: Factory Station1: Sent GI Station1: Read c Station1: Sent Fa	er configuration parameter d actory setting!! I setting restored!! ET BOARD STATUS co configuration parameter d actory setting!!	mmanc

File Open and Save

You may click "File" and select "Open", or click the "Open file" icon, to open the previous setting file. Click "Save", or "Save file" icon, to save the current setting.



5. Technical Specification

PARAMETER	PSE-308R	PSE-316R	PSE-324R				
Data Ports	8	16	24				
PoE Ports	8	16	24				
Pass through Data Rates	10/100/1000Mbps						
Console Port	1× RJ45 console interface for management						
	Per port DC	48V@350mA 16.8V	V(Maximum)				
Output power		Pair4/5(+),Pair7/8(-)					
Power consumption	134W	268W	403W				
(maximum)	13400	20000	40577				
AC Input	1	00~240VAC,50~60H	z				
DC Input		DC -56V(-42V~-57V)					
	Operat	ting Temperature: 0°C	C~40°C				
Environment	Storag	e Temperature: -20°C	C~80°C				
	Humidity:	10%~95%RH (non c	condense)				
Dimensions	430mm(L) x 290m	m(W) x 44mm(H), 19	" Rack-Mount / 1U				
Weight	3.2kg	3.9kg	4.6kg				

