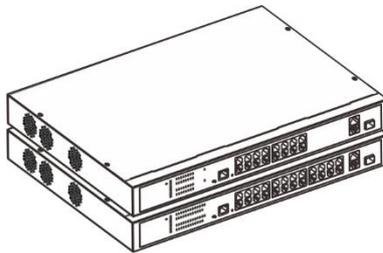


Vista QSW16M & QSW24M

**16/24-Port 10/100Mbps PoE+ and 2-Port Gigabit
PoE Managed Switch**

Web-based PoE Management Configuration Guide



[About This Document](#)

The product is provided with two documents according to the table below.

Documents	Description	How to get it
Quick Guide	Including product introductions and installation steps.	In the packing box, via QR-code or contact your dealer.
Web-based Configuration Guide	Including Web network management system configuration instructions.	Via QR-code on packaging or please contact your dealer.

This document is the [Web-based Configuration Guide](#) and is intended to help engineers needing to configure the switches PoE features – where the default settings are not suitable.

This guide uses the Vista 24-Port 100M PoE + 2-Port Gigabit PoE Managed Ethernet Switch as an example. If there is inconsistency between the instruction (e.g. port number etc.) and the actual product, please refer to the actual product.

[Announcement](#)

The information in this document is subject to change without notice.

The document is used as an operation guide only. No warranties of any kind, either express or implied, are made in relation to the description, information or suggestion or any other contents of the manual.

The images shown here are indicative only. If there is inconsistency between the image and the actual product, the actual product shall govern.

[Symbol Conventions](#)

The symbols found in this document are defined as follows.

Symbol	Description
 DANGER	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.
 WARNING	Indicates a hazard with a medium or low level of risk, which if not avoided, could result in minor or moderate injury.
 CAUTION	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
NOTE	Provides additional information to emphasize or supplement important points in the main text.

[Revision History](#)

Updates between document issues are cumulative. Therefore, the latest document issue contains all updates made in previous issues.

Version	State	Release Date	Descriptions
V1.0	Released	2022-01	Initial commercial release.

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1 Configuration Instruction

The Vista QSW16/24M switches are provided with a default configuration that may be suitable for the majority of applications. However, should customization be required, the switches dedicated PoE Managed port can use to access the Web graphic user interface (GUI) to modify or view the status of the below aspects.

Web System Overview

The Web system provides access to modify or view the below functions.

- 1) Set global PoE power budget and reserve
- 2) View the switches total power status
- 3) Set individual PoE ports for their maximum power and priority
- 4) View each ports PoE status and draw
- 5) Set the IP address of the switch
- 6) Change password
- 7) Factory default

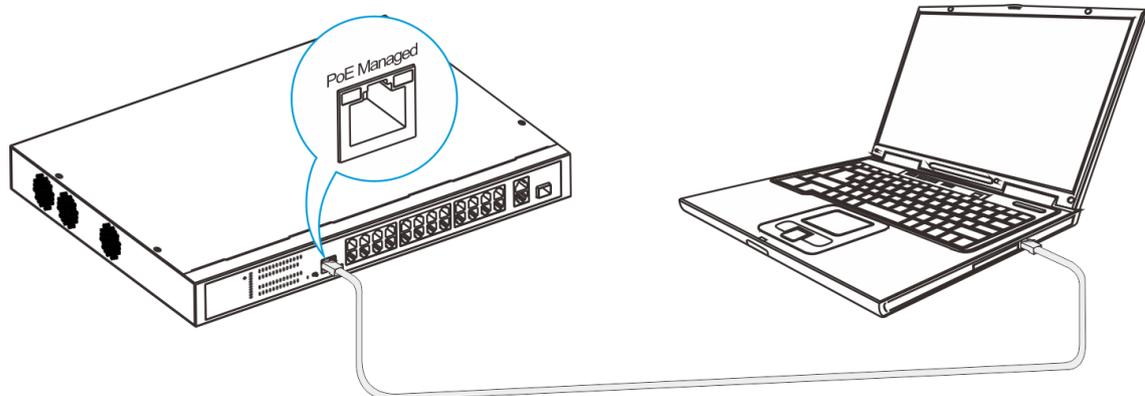
Please follow the instructions below to configure the switch via the Web system.

2 Environment Requirements

2.1 Hardware Requirements

A Windows PC/laptop with an Ethernet network card is required. Connect as below.

- 1) Connect one end of a "straight" CAT5/6 patch lead to the management PC's Ethernet port.
- 2) Connect the other end to patch lead to the dedicated switch port labelled "PoE Managed".
- 3) Ensure both PC and switch are powered up.



2.2 Software Requirements

The PCs recommended browser versions are below.

- 1) IE10 or higher
- 2) Chrome

3 Set Up Network Connection

Before being able to gain access to the Web interface, set-up the management PC's IP address.

- 1) The switch does not have DHCP, so set the management PC's IP address statically!
- 2) Set the PC for the same network as the switches default 192.168.1.200 and 255.255.255.0.
- 3) Our example setting is 192.168.1.92 and subnet 255.255.255.0

3.1 Set Static IP address for the Management PC

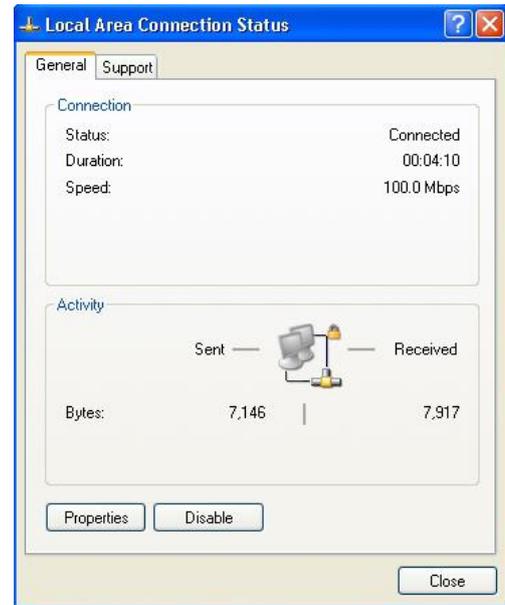
Operation steps (Windows 7 as example) :

Step 1:

Click the Windows **<start>** button (bottom left) to open the **<start>** menu, select "control panel".

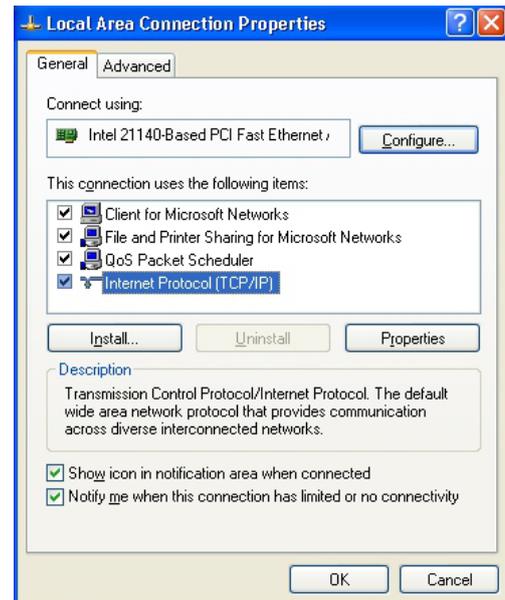
Double click the "network connection" icon, then double click the "local connection" icon.

The "local Area Connection Status" window is displayed (right).



Step 2:

Click **<properties>** button, to open the "Local Area Connection Property" window (right).



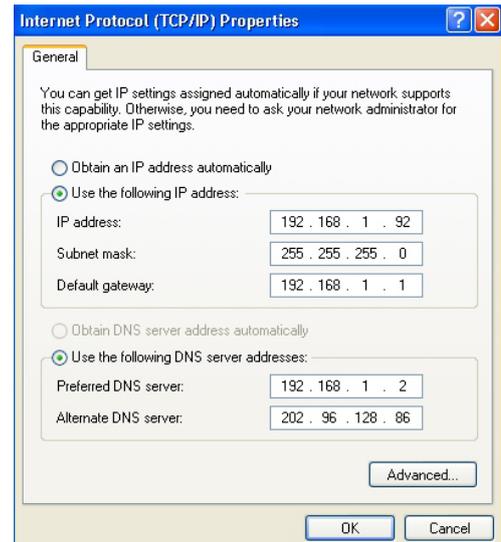
Step 3:

Select "Internet protocol (TCP/IP), click **<properties>** to enter the "Internet Protocol (TCP/IP) Properties" window (right)

Select the option "Use the following IP address" and input an IP address (an arbitrary value between 192.168.1.1~ 192.168.1.254, except 192.168.1.200!) in our example we use 192.168.1.92 and subnet mask 255.255.255.0

Click "OK" to save the configuration.

Note: Default gateway and DNS server address details are not essential. Leave empty unless you have such details for your network.



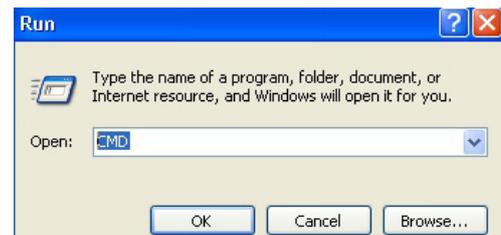
3.2 Confirm the Network Connection via Ping Command

Operation Steps as below:

Step1:

Click the Windows **<Start>** button (bottom left) to enter **<Start>** menu, select **<Run>** and the Command dialogue box opens (right).

Type CMD and click **<Ok>** to open a DOS prompt (below)

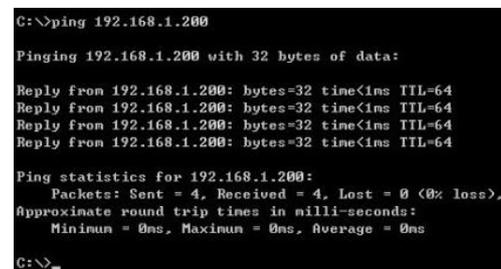


Step2:

Type **ping 192.168.1.200** and press enter.

You should receive four lines of "Reply from 192.168.1.200..." as per example on the right.

If you receive "Request timed out" then go back to the start of this section and recheck the patch lead between your PC and switch as well as the PCs IP address being set correctly!

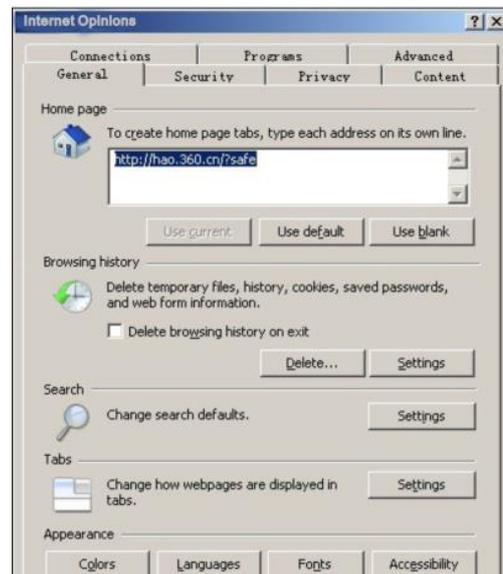


3.3 Cancel the Proxy Server

If the management PC is normally used on a company or corporate network and needs to use a WEB proxy server to gain Internet access, then you may need to turn off the WEB proxy service setting before trying to access the switches web page! Follow the below to confirm:

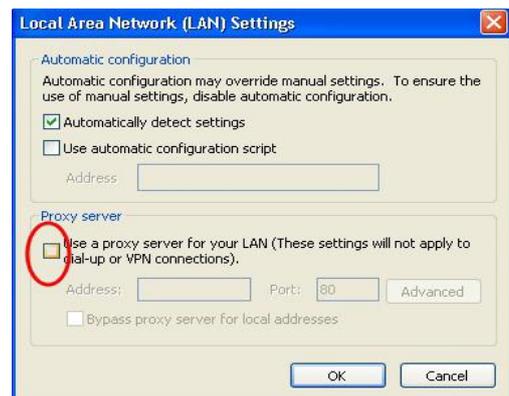
Step1:

Open your Internet Explorer browser, select **<Tool/Internet Option>** to enter **<Internet Options>** window (right) and click the “Connections” tab.



Step2:

Click in **<Internet Options>** window, and then click **<LAN Setting>** button for the dialogue box on the right



Step3:

Check if the “Use a proxy server for your LAN” option is selected. If selected, please deselect the option. Then click **<OK>** button.

This completes the management PC setting up procedure.

4 Login and Start

Open the management PCs Internet Explorer browser. In the address bar type <http://192.168.1.200> and press enter.

You should be prompted for the login ID and password – defaults below

Items	Default value
Switch default IP address	192.168.1.200
Subnet mask	255.255.255.0
Administrator's account	admin
Administrator's password	admin

Input Administrator's account and password, press Enter, and click **<Login in>**.

Below main screen should be displayed.

POE Manager | [Set Ip](#) | [Change Password](#) | [Factory Default](#) | [Device Info](#) | [Exit](#)

PoE Setting (be careful for modification)

Power Provided 320 W Overload Limit 5 % Reserved Rate 15 %

Total Power Status

Consumed 0.0 W Remaining 272 W Reserved 48 W Provided 320 W

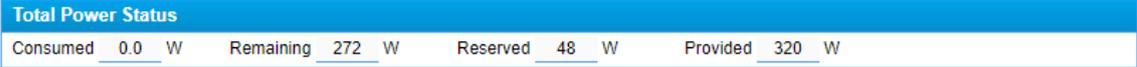
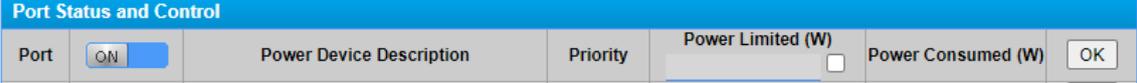
Port Status and Control

Port	<input type="checkbox"/>	Power Device Description	Priority	Power Limited (W)	Power Consumed (W)	<input type="button" value="OK"/>
1	<input checked="" type="checkbox"/>	port1	Low	30	0.0	<input type="button" value="OK"/>
2	<input checked="" type="checkbox"/>	port2	Low	30	0.0	<input type="button" value="OK"/>
3	<input checked="" type="checkbox"/>	port3	Low	30	0.0	<input type="button" value="OK"/>
4	<input checked="" type="checkbox"/>	port4	Low	30	0.0	<input type="button" value="OK"/>
5	<input checked="" type="checkbox"/>	port5	Low	30	0.0	<input type="button" value="OK"/>
6	<input checked="" type="checkbox"/>	port6	Low	30	0.0	<input type="button" value="OK"/>
7	<input checked="" type="checkbox"/>	port7	Low	30	0.0	<input type="button" value="OK"/>
8	<input checked="" type="checkbox"/>	port8	Low	30	0.0	<input type="button" value="OK"/>
9	<input checked="" type="checkbox"/>	port9	Low	30	0.0	<input type="button" value="OK"/>
10	<input checked="" type="checkbox"/>	port10	Low	30	0.0	<input type="button" value="OK"/>
11	<input checked="" type="checkbox"/>	port11	Low	30	0.0	<input type="button" value="OK"/>
12	<input checked="" type="checkbox"/>	port12	Low	30	0.0	<input type="button" value="OK"/>
13	<input checked="" type="checkbox"/>	port13	Low	30	0.0	<input type="button" value="OK"/>
14	<input checked="" type="checkbox"/>	port14	Low	30	0.0	<input type="button" value="OK"/>
15	<input checked="" type="checkbox"/>	port15	Low	30	0.0	<input type="button" value="OK"/>
16	<input checked="" type="checkbox"/>	port16	Low	30	0.0	<input type="button" value="OK"/>
17	<input checked="" type="checkbox"/>	port17	Low	30	0.0	<input type="button" value="OK"/>
18	<input checked="" type="checkbox"/>	port18	Low	30	0.0	<input type="button" value="OK"/>
19	<input checked="" type="checkbox"/>	port19	Low	30	0.0	<input type="button" value="OK"/>
20	<input checked="" type="checkbox"/>	port20	Low	30	0.0	<input type="button" value="OK"/>
21	<input checked="" type="checkbox"/>	port21	Low	30	0.0	<input type="button" value="OK"/>
22	<input checked="" type="checkbox"/>	port22	Low	30	0.0	<input type="button" value="OK"/>
23	<input checked="" type="checkbox"/>	port23	Low	30	0.0	<input type="button" value="OK"/>
24	<input checked="" type="checkbox"/>	port24	Low	30	0.0	<input type="button" value="OK"/>

Prompt Messages

5 PoE Manager

Users can set global PoE parameters as well as PoE parameters per interface port. They can also view the PoE status of the entire switch and individual ports.

PoE Setting	
	
Function	Set the output PoE power of the entire switch.
Procedure	1. Set <Power Provided> . You can lower the default maximum PoE budget of the switch if required. The default value is based on switch type.
	2. Set <Overload Limit> . Limit the percentage that is allowed over and above that set by the <Power Provided> value. The value must be less than 10%.
	3. Set <Reserved Rate> . Input the reserved amount that is taken from the preset <Power Provided> value. The value ranges from 0 to 100%. The switch supports a reserved power function for reliability. The actual value of input power the switch divides to the PoE interfaces is equal to the value of <Power Provided> minus the <Reserved Rate> . If the value of required input power of the switch exceeds this value, the reserved power will be divided to each port as further demand increases.
	4. Click <OK> button to save the configuration.
Total Power Status	
	
Function	View the real-time input and output power of the switch
Parameter	<Consumed Power> : The total power currently being drawn by all PoE interfaces.
	<Remaining> : The remaining PoE power available, excluding <Reserved> power.
	<Reserved> : The actual reserved power of the switch. The value is equal to the value of <Power Provided> minus <Remaining> .
	<Provided> : The preset input power set for the switch by the previous <Power Provided> setting.
Port Status and Control	
	
Function	Set the output PoE power and priority of each downlink RJ-45 port.
Procedure	1. Set the <On/Off> button of <Port> to enable/disable it.
	2. Set <Priority> . Set PoE priority for the interface - Low/Middle/High. Ports of lower priority will be shutdown first when overall switch power budget is not enough to power all ports – starting with the higher port numbers first!
	3. Set <Power Limit> . Enter the maximum output power of the interface. The value ranges from 0 to 30W.
	4. Click <OK> to save the configuration.
	5. View the real-time PoE consumption of each port under <Power Consumed> .

6 System Management

Users can change the IP address and login password of the web system, view system information and restore factory default values remotely through the web GUI.

Set IP

POE Manager | Set Ip | Change Password | Factory Default | Device Info | Exit

Set IP

IP Address: 192 . 168 . 1 . 200
 Subnet Mask: 255 . 255 . 255 . 0
 Default Gateway: 192 . 168 . 1 . 1

Function	Set the IP address of the switch.
Procedure	1. Click <Set IP> .
	2. Set <IP Address > . Default value: 192.168.1.200.
	3. Set <Subnet Mask> . Default value: 255.255.255.0.
	4. Set <Default Gateway> . The default gateway the switch linking with. Default value: 192.168.1.1.
	5. Click <OK> button to save the configuration.

Change Password

POE Manager | Set Ip | Change Password | Factory Default | Device Info | Exit

Change password

Current Password:

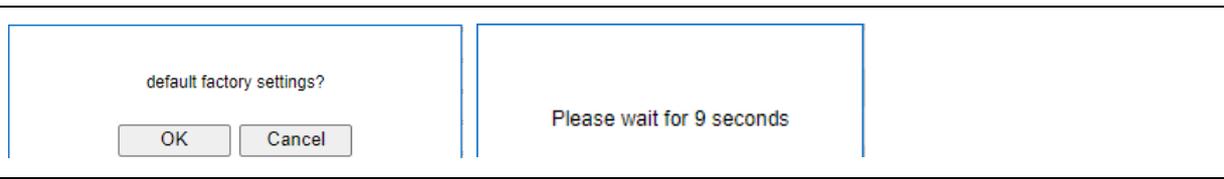
New Password:

Confirm New Password:

Function	Set the login password.
Procedure	1. Click <Change Password> .
	2. Input <Current Password> . Default value: admin.
	3. Input <New Password> and <Confirm New Password> .
	4. Click <OK> button to save the configuration.

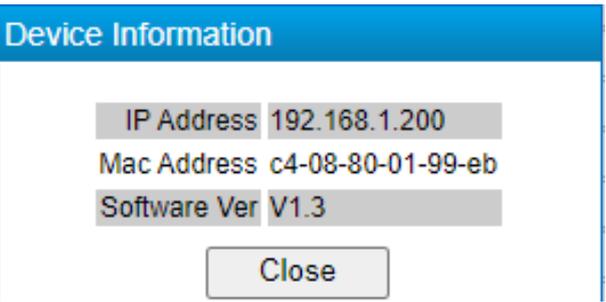
Factory Default

POE Manager | Set Ip | Change Password | Factory Default | Device Info | Exit



Function	Restore the switch to factory default values.
Procedure	1. Click <Factory Default > .
	2. Click <OK> button and wait for 10s, the system will refresh automatically.

Device Information



Function	View the IP address, MAC address and software version of the switch.
Procedure	1. Click <Device Info> and view the device information, including IP Address, Mac Address and Software Version.

7 User Timeout

If users do not perform any operations on the Web system GUI for a long time, your account will be logged out and the login page displayed.

The auto-log out interval time is 5 minutes.

If you need to continue operations, please log in again.

8 Logging-out Web System

To maintain security for the switch, please log out of the Web system immediately after finishing any configuration changes.

Users can log out of the Web system in either of the following ways:

- Click "x" on the top right corner of the page to close the browser.
- Click "Exit" on the top right corner of the page of Web system.