

HP 1810-8 Web Managed Switch



HP 1810-8 Web Managed Switch User Guide

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HP 1810-8 Web Managed Switch



Product Information

Specifications

- **Model:** HP 1810-8 and 8G Switch
- **Power Source:** AC/DC adapter or PoE connection
- **Power LED:** On
- **Fault LED:** Off
- **Network Ports:** Multiple ports available

Product Usage Instructions

Unpacking and Checking Included Parts

To start using your switch, follow these steps:

1. Unpack the switch and check the included parts:

- Documentation kit
- Switch
- Accessory kit (installation hardware)
- Inline AC/DC adapter with power cord or wall mount AC/DC adapter

Preparing for Installation

Before installing the switch, ensure your safety and prevent product damage by following the Safety Precautions on page 4 of the user manual.

Powering On and Verifying Self-Test

To power on the switch:

1. Connect the AC power adapter supplied with your switch or use a PoE connection to Port 1 (8G Switch only).
2. **Verify that the Self-Test completes normally:**
 - Power LED should be On.
 - Fault LED should be Off.

Mounting the Switch

You can mount the switch in three different ways:

1. Table or Desktop Mounting:

- Attach the four self-adhesive pads (included in the accessory kit) to the bottom corners of the switch.

2. Wall Mounting:

- Install two 5/8-inch (15.875 mm) Number 12 wood screws (included) into the mounting surface, positioned 5.5 inches (140 mm) apart.
- Use wall anchors if necessary.
- Position the switch over the screws and slide to lock in place.
- Ensure that the network ports are facing up or down and not the ventilation holes.

3. Under-Table Mounting:

- Install two screws on the table bottom similar to wall mounting.
- Position the switch over the screws and slide to lock in place.
- Install a third screw at the side of the switch to prevent it from sliding out of the locked position, if necessary.

Powering On the Switch

Follow the same procedures as step 3 to power on the switch. It is recommended to secure the power cable with the supplied cable tie.

Configuring the Switch for Operation

To configure the switch for operation on your network:

1. Using a standard Ethernet cable, connect a PC directly to any network port on the switch.
2. Configure the PC's IP Address and Subnet Mask to allow communication with the switch through your PC's web browser.
3. Access the switch's web interface by opening your web browser on the PC and entering the switch factory-default address: <http://192.168.2.10>
4. Log onto the switch (by default, there is no password).
5. Click Network Setup > Get Connected and configure IP network settings on the switch for operation on your network.
6. Once the initial switch configuration is done, disconnect the LAN cable from your PC and connect the switch into the network.
7. Remember to return your PC to its original network settings before connecting it to your network.

Connecting the Network Cables

Connect the network cables to the available network ports on the switch.

Optional: Locking the Switch

If desired, use a Kensington lock or similar device (not included) to physically secure the switch.

FAQ

- **Q: Where can I find more detailed instructions and information to set up my switch?**

A: You can view or download the Installation and Getting Started Guide for your switch at www.hp.com/networking/support.

- **Q: What are the factory default IP network settings for the switch?**

A: The factory default settings are as follows:

- **Password:** Not set
- **IP Address:** 192.168.2.10
- **Subnet Mask:** 255.255.255.0
- **Default Gateway:** Not set

For more detailed instructions and information to set up your switch, view or download the Installation and Getting Started Guide for your switch at www.hp.com/networking/support.

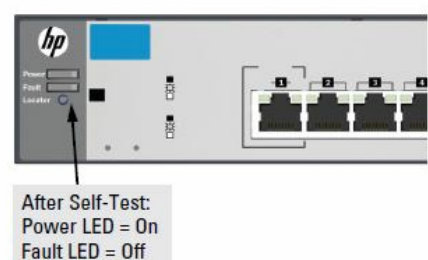
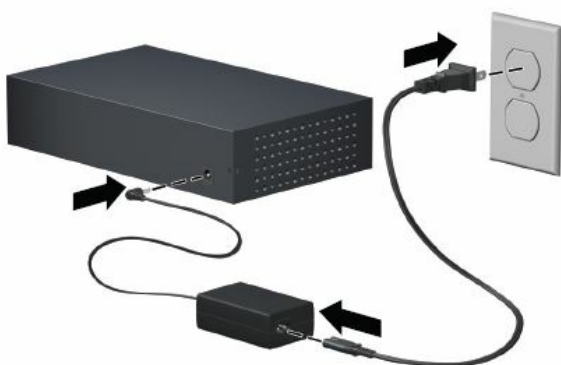
Unpack and check included parts

- Documentation kit
- Switch
- Accessory kit (installation hardware)
- Inline AC/DC adapter with power cord or wall mount AC/DC adapter

Installation

Prepare for installation. To avoid personal injury or product damage, follow the “Safety Precautions”.

Power on and verify that the Self-Test completes normally. The switch does not have a power switch. It is powered on by connecting the AC power adapter supplied with your switch, or by a PoE connection to Port 1 (8G Switch only).



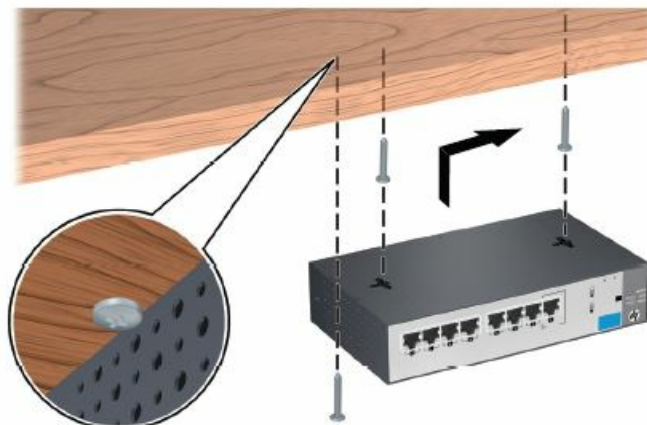
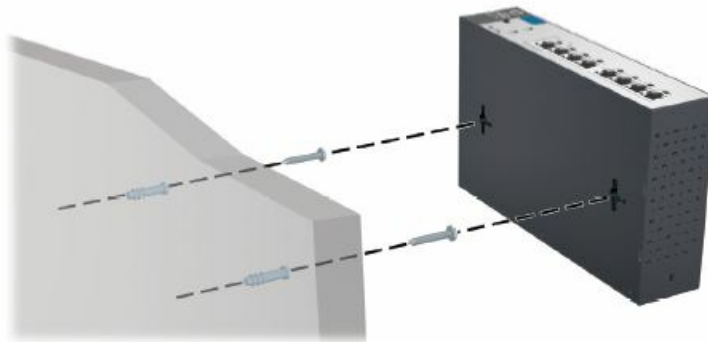
Mount the switch. Unplug the AC power from the switch before mounting it.

- **Table or Desktop Mounting:**

Attach the four self-adhesive pads (included in the accessory kit) to the bottom corners of the switch.



- **Wall Mounting:** Install two 5/8-inch (15.875 mm) Number 12 wood screws, (included) into the mounting surface, positioned 5.5 inches (140 mm) apart. Use the wall anchors if necessary. Then, position the switch over the screws and slide to lock in place.
- **Important:** For wall-mounting, the network ports must be facing up or down. Do not mount the switch with ventilation holes facing up or down.
- **Under-Table Mounting:** Install the two screws on the table bottom similarly to the procedures for wall mounting. Then, position the switch over the screws and slide to lock in place. Install the third screw at the side of the switch to prevent it from sliding out of the locked position, if necessary.



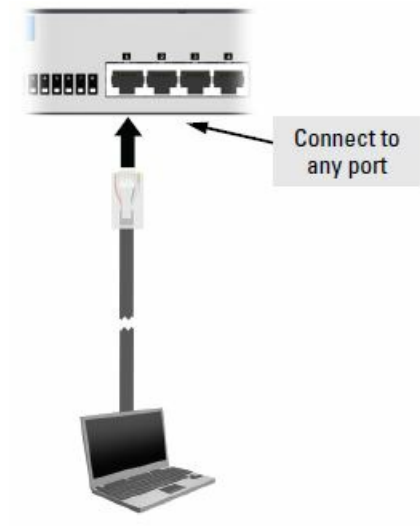
Power on the switch: Follow the same procedures as in step 3.

It is recommended that you then secure the power cable with the supplied cable tie.



Configure the switch for operation on your network (minimal configuration).

Using a standard Ethernet cable, connect a PC directly to any network port on the switch. Then configure the PC's IP Address and Subnet Mask to allow it to communicate with the switch through your PC's web browser.



Switch factory-default settings:

- Password<blank>
- IP address 192.168.2.10
- Subnet mask 255.255.255.0
- Default gateway not set

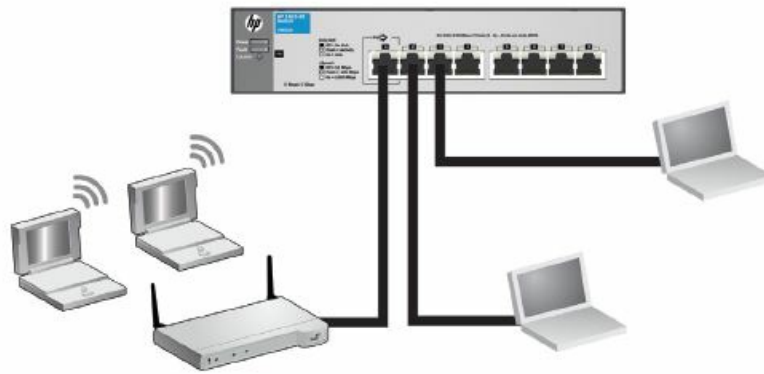
Modify the switch's IP configuration to operate in your network. See the example initial configuration.

Note:

When you are done with the initial switch configuration, disconnect the LAN cable from your PC and connect the switch to the network.

Be sure to return your PC to its original network settings before connecting it to your network.

Connect the network cables



(Optional) Lock the Switch:

Use a Kensington lock or similar device (not included) to physically secure the switch.



Initial Switch Network Configuration using Windows XP

Example: Initial Switch Network Configuration using Windows® XP

1. Reconfigure the PC's IP address and Subnet Mask so that it can communicate with the switch.
 - Click Start > Connect to > Show all connections.
 - Select and right-click Local Area Connection, then click Properties.
 - Scroll and select Internet Protocol (TCP/IP), then click Properties.
 - Note:** Be sure to record all your PC's current IP settings to be able to restore them later.
 - On the General tab, click Use the following IP address.
 - For IP address, enter an IP address in the same range as the switch's default IP address. For example, enter 192.168.2.12.
 - For the Subnet mask, enter 255.255.255.0, then click OK.
 - Click Close (or OK) to close the Local Area Connection Properties screen.
2. Open your web browser on the PC, and enter the switch factory-default address, <http://192.168.2.10>, to access the switch's web interface.
3. Click Log on to log onto the switch (by default, there is no password).
4. Click Network Setup > Get Connected and configure IP network settings on the switch for operation on your network. Important: If you enable DHCP on the switch for automatic IP network configuration, at the time of that selection, the switch must be connected to the same network as the DHCP server. Otherwise, the switch will revert to the 192.168.2.10 address. After automatic IP configuration, you must determine the IP address assigned to the switch. To do this, you will need to access your DHCP server files, or use LLDP (Link Layer Discovery Protocol) commands on a connected device (such as another switch).
5. Click Apply on the browser configuration screen to save your settings to retain them when the switch is

rebooted.

You are done with the initial switch configuration. Disconnect the LAN cable from your PC and connect the switch to the network. Be sure to return your PC to its original network settings before connecting it to your network.

Safety Precautions

To avoid personal injury or product damage when installing your switch, read the installation precautions and guidelines below.

Installation Precautions

Warnings

- Do not wall-mount any switch without checking for restrictions in the Installation and Getting Started Guide.
- Wall-mount the switch with network ports facing up or down (away from or toward the floor). Do not wall-mount the switch with the ventilation holes facing up or down.

Cautions

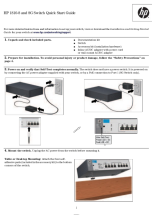
- Ensure the power source circuits are properly grounded, then use the power cord supplied with the switch to connect to the AC power source.
- If your installation requires a different power cord than the one supplied with the switch and/or power supply, be sure the cord is adequately sized for the switch's current requirements. In addition, be sure to use a power cord displaying the mark of the safety agency that defines the regulations for power cords in your country/region. The mark is your assurance that the power cord can be used safely with the switch and power supply.
- When installing the switch, the AC outlet should be near the switch and should be easily accessible in case the switch must be powered off.
- Ensure the switch does not overload the power circuits, wiring, and over-current protection. To determine the possibility of overloading the supply circuits, add together the ampere ratings of all devices installed on the same circuit as the switch and compare the total with the rating limit for the circuit. The maximum ampere ratings are usually printed on the devices near the AC power connectors.
- Do not install the switch in an environment where the operating ambient temperature exceeds its specification.
- Ensure the airflow around the switch is not restricted. Leave at least 3 inches (7.6 cm) for cooling.

For additional Safety and Regulatory information, refer to the Safety and Regulatory documentation included with your switch.

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Documents / Resources

	<p>HP 1810-8 Web Managed Switch [pdf] User Guide</p> <p>1810-8 Web Managed Switch, 1810-8, Web Managed Switch, Managed Switch, Switch</p>
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References

-  [Manual-Hub.com - Free PDF manuals!](#)
- [User Manual](#)

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