

Introduction

EnGenius ECS Series Switch is a cloud-enabled Switch which can work as a stand-alone switch to configure from local GUI interface, or be managed either by EnGenius Cloud or on-premises ezMaster central management platform.

Package Contents

- For 13" and 19" 1U ECS series model (ECS1xxx/ECS2xxx/ECS5xxx series)
- ECS Managed Switch
- Power Cord
- RJ-45 Console Cable
- Rack Mount Kit
- Quick Installation Guide
- For Desktop type ECS series model (ECS1008P)
- ECS Managed Switch
- Power Adapter
- Power Cord
- Ground Screw Kit
- Rubber Footpads
- Wall Mount Kit
- Quick Installation Guide

Quick Installation Guide

version 1.0

Managed Switch

3 How to login the switch

The switch default IP address setting is DHCP client mode to get an IP address from DHCP server, it will automatically change to static IP address if the switch cannot get IP address from DHCP server 2 minutes after boot up finish.

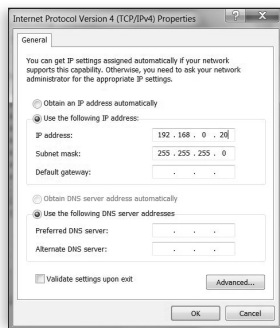
If your switch cannot get IP address from local DHCP server or you would like to use static IP address assigned to the Switch, you can follow below procedures to manage your computer connect to our Switch via the static IP address.

3.1 IP address configuration on your computer:

- A) Once your computer is on, configure the setting of your network adapter. **Open Network Connections > Local Area Connection > Internet Protocol Version 4 (TCP/IPv4) > Properties**



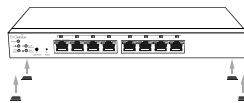
- B) Select **Use the following IP address** and make the following entries:
 - **IP Address:** 192.168.0.10 (or any address in the 192.168.0 network)
 - **Subnet mask:** 255.255.255.0



1 Switch Installation

A) Installing the Switch on a Flat Surface

Install the Switch on a flat surface such as a desktop or shelf, attach the rubber feet on the bottom at each corner of the Switch. The rubber feet cushion the Switch from shock or vibration, and secure space between devices when stacking.

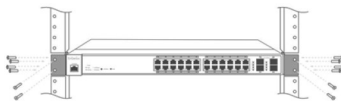


B) Wall Mounting the Switch

For Desktop type ECS series model (ECS1008P)
To mount the Switch on a wall, install the two provided screws in positions that correspond to the slots on the bottom side of the Switch, then mount the Switch.

C) Rack Installation

For 13" and 19" 1U ECS series model (ECS1xxx/ECS2xxx/ECS5xxx series)
To mount the Switch onto a rack, attach the included rack mounting brackets to the Switch. Then secure the mounting brackets to the rack. The Switch can be mounted in an EIA standard size, 19-inch rack, which can be placed in a wiring closet with other equipment.



2 Connecting to the Switch

- A) Connect the supplied Power Adapter (or Power cord) to the Switch and plug the other end into an electrical outlet. Verify the Power LED indicator is lit on the Switch. Wait for the Switch to complete boot up. It might take few minutes to complete the process.



- B) Connect one end of a Category 5/6 Ethernet cable into the Gigabit (10/100/1000) Ethernet port on the Switch's front panel and the other end to the Ethernet Port on the computer. Verify that the LED on the Ethernet port of the Switch is **green**.



3.2 Login to the switch:

- A) Open a web browser on your computer. In the address bar of the web browser, enter **192.168.0.239** and enter.



- B) The default username is **admin** and the password is **password**. Enter the username and password of the Switch and then click **Login**.



- *Your model number may be different in the web browser interface.
- C) The EnGenius Management Switch User Interface will appear. Use it to perform Switch configuration and monitoring. Refer to the Management Switch User Manual for more information on configuration settings.



3.3 Switch static IP address set up (optional)

- A) Login to the switch User Interface.
- B) Open the System > Static Route page to setup the Static IP address / Gateway Settings on the Switch.



4 Manage the EnGenius Switch by EnGenius Cloud

EnGenius Cloud Pre-Installation Preparation
Please confirm that your device has established a connection to the Internet before proceeding.

Registering a device and configuring on EnGenius Cloud should be completed before performing an on-site installation.

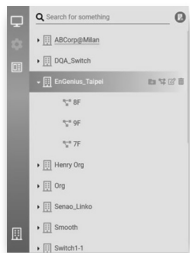
4.1 Register Device through EnGenius Cloud:

Notice: The browser version for Cloud GUI supported list as following.

- (1) Google Chrome: 57.0.2987.110 and later
- (2) macOS Safari: 10.0.0.3(12602.4.8) and later
- (3) Microsoft Edge
- (4) Mozilla Firefox: 52.0 and later

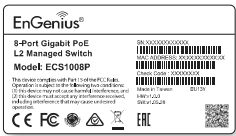
- A) Log on to EnGenius Cloud (<https://cloud.engenius.ai/>)
Note: If you are the first time user, then you need to create a Cloud account.

B) When logging on, you can use the existing Network or create a personalized Network under the Org, and provide a configuration to enable push operations to cloud devices.



4.2 Register a Device via EnGenius cloud website

A) Discover the Serial No. on the back of the device label.



G) This device is now configured on the network to provide network service.

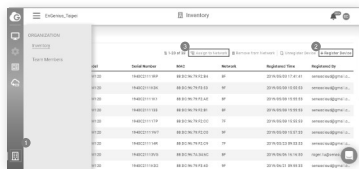
4.4 Check your firewall settings:

Make sure your firewall allows 80 / 443 port outbound access.

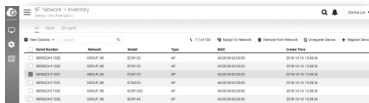
4.5 Automatically Firmware upgrade

Once the device is connected to Cloud, it will be upgraded to most up-to-date firmware version automatically. While the firmware is upgrading, it will take few minutes until the Firmware upgrade process finished.

B) Add Serial No. of this device through following steps:
Go to Org -> Inventory (1) -> Register Device (2)



C) In the 'Inventory' page, using 'Assign to Network' (3) (Assign to Network) to assign the device to your personalized network.

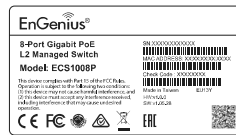


4.3 Register the device via EnGenius Cloud mobile APP (iOS/Android)

- Download the "EnGenius Cloud" mobile APP (iOS/Android).
- Log in with your Cloud account. (Please sign up the cloud account in <https://cloud.ingenius.ai> if you do not have cloud account.)
- Select an organization you want to add the device to.
- Click "+" on the down-right corner.



E) Scan QR code on the label of device or add Serial Number manually.



F) Slide left the device in the Inventory, then select "Add to Network" by using EnGenius Cloud App.



Technical Support

Country of Purchase	Service Center	Service Information
North America www.ingenius-usa.com	Canada	na@ingenius.ca Toll Free: 888-397-2788 Local: (+1) 905-940-8181
www.ingenius-tech.com	USA	support@ingenius-tech.com Local: (+1) 714-432-8668
Europe www.ingenius-networks.eu	Netherlands	support@ingenius-networks.eu Local: (+31) 40-6200-937
Africa / Middle East www.ingenius-me.com	Dubai, UAE	support@ingenius-me.com Local: (+971) 4-357-5599
Asia / Oceania www.ingenius-tech.com.sg	Singapore	techsupport@ingenius-tech.com.sg Local: (+65) 6227-1088
Taiwan www.ingenius-tech.com.tw	Taiwan, R.O.C.	twsupport@ingenius-networks.com Toll Free: 0800-03-885 Local: (+886) 2-2652-1808

Notes

Maximum data rates are based on IEEE 802.3ab standards. Actual throughput and range may vary depending on distance between devices or traffic - canid bandwidth load in the network. Features and specific cations subject to change without notice. Trademarks and registered trademarks are the property of their respective owners. For United States of America: Copyright © 2019 EnGenius Technologies, Inc. All rights reserved. Complies with FCC - This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

