EnGenius®

Quick Installation Guide

version 1.0

Managed Switch

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

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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.

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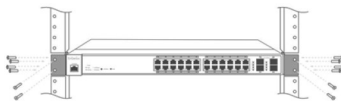
2 Connecting to the Switch

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.**

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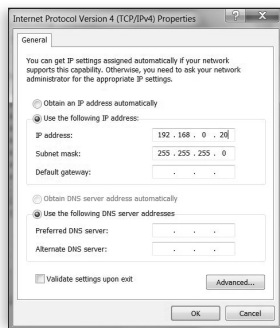
If your switch cannot get IP address from local DHCP server or you would like to use static IP address assigned to the Switch, you can follow below procedures to manage your computer connect to our Switch via the static IP address.

3.1 IP address configuration on your computer:

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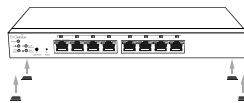**Open Network Connections > Local Area Connection > Internet Protocol Version 4 (TCP/IPv4) > Properties**

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.x network)
- **Subnet mask:** 255.255.255.0

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.

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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: 10.0.3(12602.4.8) and later
    (3) Microsoft Edge
    (4) Mozilla Firefox: 52.0 and later
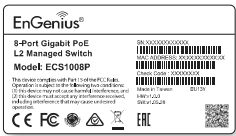
A) Log on to EnGenius Cloud (https://cloud.engenius.ai/)
    Note: If you are the first time user, then you need to create a Cloud account.

B) When logging on, you can use the existed default Network or create a personalized Network under the Org. and provide a configuration to enable push operations to cloud devices.
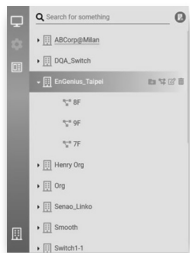
4.2 Register a Device via EnGenius cloud website

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

B) Add Serial No. of this device throughout following path:
Go to Org -> Inventory (1) -> Register Device (2)
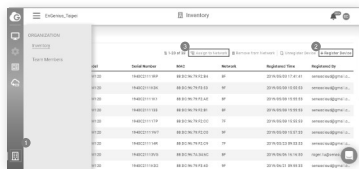
C) In the "Inventory" page, using "Assign to Network" (3) (Assign to Network) to assign the device to your personalized network.
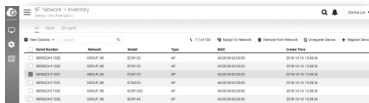
4.3 Register the device through EnGenius Cloud mobile App:

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

E) Scan QR code on the label of device or add Serial Number manually.
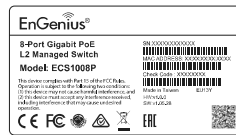
F) Slide left the device in the Inventory, then select "Add to Network" by using EnGenius Cloud App.

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.

Technical Support

Notes