

Quick Start Guide

L2 Gigabit Ethernet Web Managed PoE Switches

ECS1100-5P | ECS1100-10HP | ECS1100-28HP

Package Contents



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1. L2 Gigabit Ethernet Web Managed PoE Switch
2. Rack mounting kit—2 brackets and 6 screws
3. Power cord

4. Four adhesive rubber feet
5. Documentation—*Quick Start Guide* (this document) and *Safety and Regulatory Information*

Overview

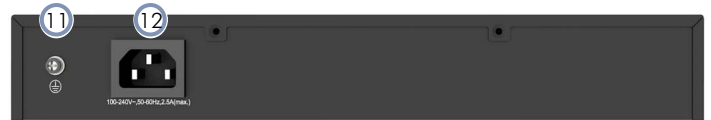
ECS1100-5P



ECS1100-10HP



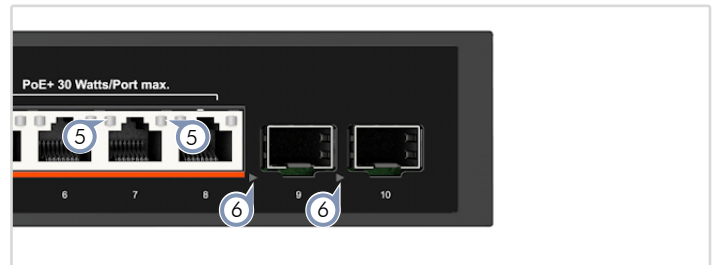
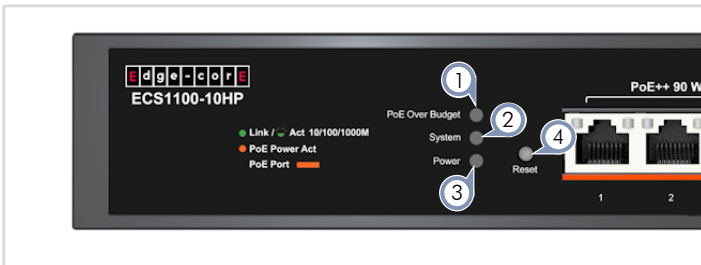
ECS1100-28HP



1. System LEDs
2. Reset button
3. 4 x 10/100/1000M RJ-45 PoE+ (30 W) ports
4. 1 x 10/100/1000M RJ-45 port
5. 4 x 10/100/1000M RJ-45 PoE++ (90 W) ports
6. 4 x 10/100/1000M RJ-45 PoE+ (30 W) ports

7. 2 x 100/1000M SFP ports
8. 8 x 10/100/1000M RJ-45 PoE++ (90 W) ports
9. 16 x 10/100/1000M RJ-45 PoE+ (30 W) ports
10. 4 x 100/1000M SFP ports
11. Grounding point
12. AC power socket

System/Port LEDs & Buttons



1. **PoE Over Budget:** Red (PoE budget exceeded)
2. **System:** Green (OK)
3. **Power:** Green (OK)
4. **Reset Button:** Press for 10 seconds to reset to factory defaults

5. **RJ-45 Ports:** Green/Blinking (link/activity), Amber (PoE)
6. **SFP Ports:** Green/Blinking (link/activity)

Installation



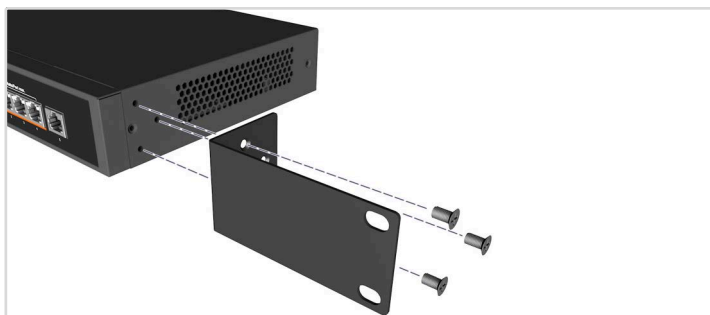
Warning: For a safe and reliable installation, use only the accessories and screws provided with the device. Use of other accessories and screws could result in damage to the unit. Any damages incurred by using unapproved accessories are not covered by the warranty.

Avertissement: Pour une installation sûre et fiable, utilisez uniquement les accessoires et les vis fournies avec l'appareil. L'utilisation d'autres accessoires et vis pourrait endommager l'appareil. Les dommages causés par l'utilisation d'accessoires non approuvés ne sont pas couverts par la garantie.



Note: The drawings in this document are for illustration only and may not match your particular model.

1 Mount the Device



1. Attach the Brackets

Use the included flathead M4x8 screws to attach the brackets.



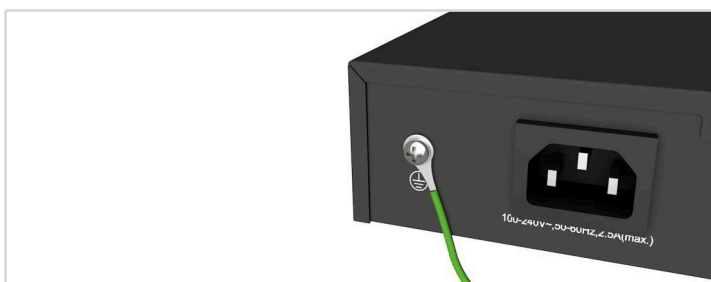
2. Mount the Device

Mount the device in the rack and secure it with rack screws.



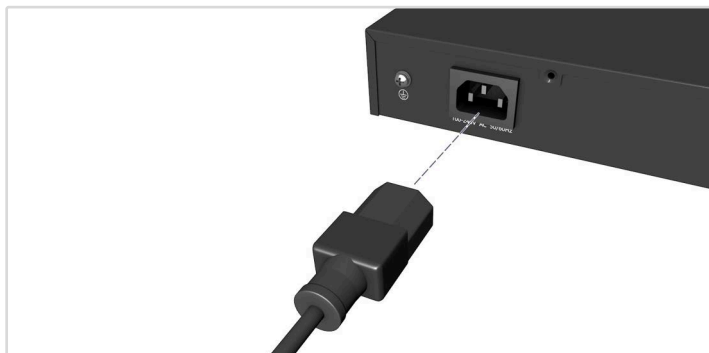
Note: The device can also be installed on a desktop or shelf using the included adhesive rubber feet.

2 Ground the Device



Attach a lug (not provided) to a #18 AWG minimum grounding wire (not provided), and connect it to the grounding point on the rear panel. Then connect the other end of the wire to rack ground.

3 Connect Power



Connect an AC power source to the device.

4 Make Network Connections



RJ-45 PoE Ports

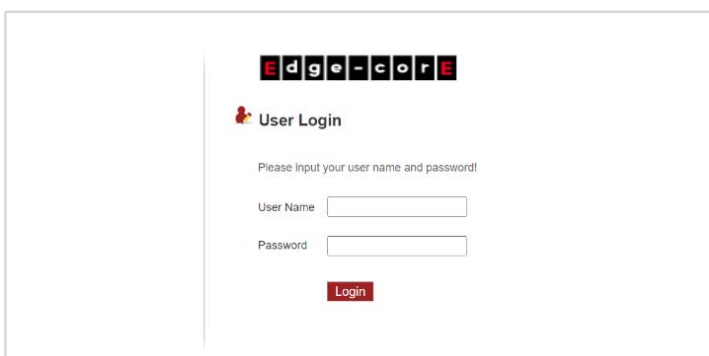
Connect Cat. 5e or better twisted-pair cable.

SFP Ports

Install transceivers and then connect fiber optic cabling to the transceiver ports. The following transceivers are supported:

- 1000BASE-SX/LX and 1000BASE-T (RJ-45)
- 100BASE-BX

5 Connect to the Web User Interface



1. Connect a PC directly to one of the switch's RJ-45 ports.
2. Set the PC IP address to be on the same subnet as the switch (that is, the PC and switch IP addresses must both start 192.168.2.x with subnet mask 255.255.255.0).
3. Enter the switch's default management IP address of 192.168.2.10 into the web browser address bar.
4. Log in to the web interface using the default settings:
User Name = admin
Password = admin



Note: For more information on switch configuration using the web interface, refer to the *Management Guide*, which is on the Edgecore web site, wifi.edge-core.com.

Hardware Specifications

Size (WxDxH)	ECS1100-5P and ECS1100-10HP: 294 x 180 x 44 mm (11.57 x 7.09 x 1.74 in.) ECS1100-28HP: 440 x 260 x 44 mm (17.32 x 10.24 x 1.74 in.)
Weight	ECS1100-5P: 1.44 kg (3.17 lb) ECS1100-10HP: 1.56 kg (3.44 lb) ECS1100-28HP: 3.54 kg (7.8 lb)
Temperature	Operating: 0° C to 50° C (32° F to 121° F) Storage: -40° C to 70° C (-40° F to 158° F)
Humidity	Operating: 10% to 90% (non-condensing)
Power Consumption	ECS1100-5P: 140 Watts maximum ECS1100-10HP: 270 Watts maximum ECS1100-28HP: 560 Watts maximum
PoE Budget	ECS1100-5P: 120 Watts in total ECS1100-10HP: 250 Watts in total ECS1100-28HP: 480 Watts in total
AC Input	ECS1100-5P: 100-240 VAC, 50/60Hz, 2.5 A ECS1100-10HP: 100-240 VAC, 50/60Hz, 4 A ECS1100-28HP: 100-240 VAC, 50-60Hz, 7.5 A

Regulatory Compliances

Emissions	EN 55032 Class A EN IEC 61000-3-2 EN 61000-3-3 FCC 47 CFR Part 15b Class A VCCI-CISPR 32 Class A BSMI (CNS 15936)
Immunity	IEC 61000-4-2/3/4/5/6/8/11 EN 55035
Safety	LVD (EN 62368-1) BSMI (CNS 15598-1)
Taiwan RoHS	CNS 15663

Warranty Information and Technical Support

Registering your product enables you to receive a more efficient warranty service. Be sure to register at wifi.edge-core.com.

快速入門指南

L2 GE 乙太網路 PoE 交換器

ECS1100-5P | ECS1100-10HP | ECS1100-28HP

包裝內容物



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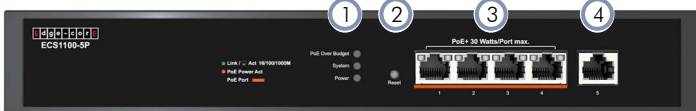
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1. L2 GE 乙太網路 PoE 交換器
2. 機櫃安裝套件 — 2 個托架和 6 支螺絲
3. 電源線

4. 四個黏性橡膠腳墊
5. 文件 - 快速入門指南 (本文件) 及安全及法規資訊

簡介

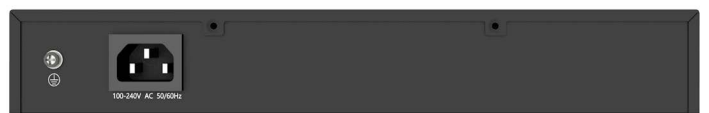
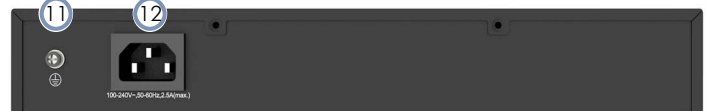
ECS1100-5P



ECS1100-10HP



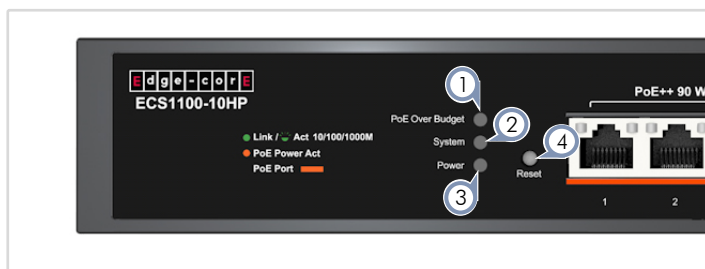
ECS1100-28HP



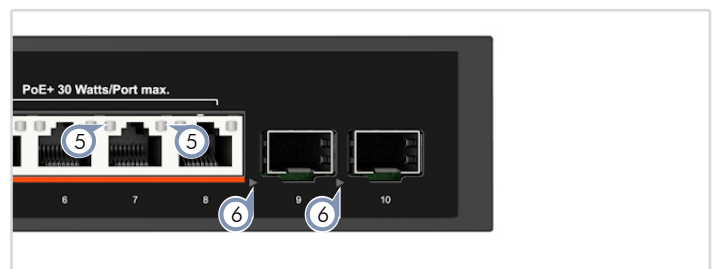
1. 系統 LED
2. 重置按鈕
3. 4 x 10/100/1000M RJ-45 PoE+ (30 W) 連接埠
4. 1 x 10/100/1000M RJ-45 連接埠
5. 4 x 10/100/1000M RJ-45 PoE++ (90 W) 連接埠
6. 4 x 10/100/1000M RJ-45 PoE+ (30 W) 連接埠

7. 2 x 100/1000M SFP 連接埠
8. 8 x 10/100/1000M RJ-45 PoE++ (90 W) 連接埠
9. 16 x 10/100/1000M RJ-45 PoE+ (30 W) 連接埠
10. 4 x 100/1000M SFP 連接埠
11. 接地點
12. AC 電源插孔

系統/連接埠 LED 及按鈕



1. PoE 超出預算：紅燈 (超過 PoE 額定功率)
2. 系統：綠燈 (正常)
3. 電源：綠燈 (正常)
4. 重置按鈕：按下 10 秒可重設為出廠預設值



5. RJ-45 連接埠：綠燈 / 閃爍 (連結 / 活動) · 亮黃光 (PoE 供電模式啟動)
6. SFP 連接埠：綠燈 / 閃爍 (連結 / 活動)

安裝

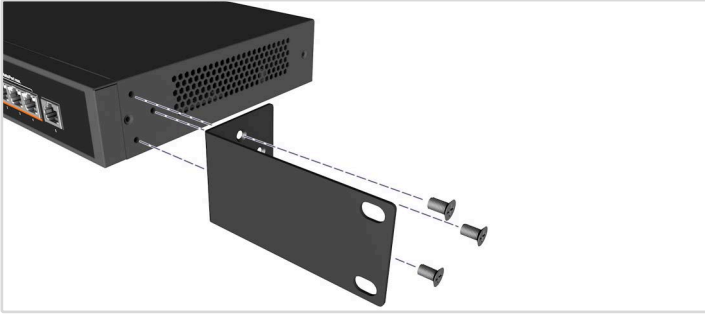


警告：為確保安全且可靠的安裝，請使用裝置隨附的配件與螺絲。使用其他來源的配件與螺絲可能導致配件損壞。使用未經許可配件所造成之損壞，不在保固範圍內。



附註：本文件中的示意圖僅供參考，可能與特定型號有所差異。

1 安裝裝置



1. 安裝托架

使用內附的平頭 M4x8 螺絲安裝托架。



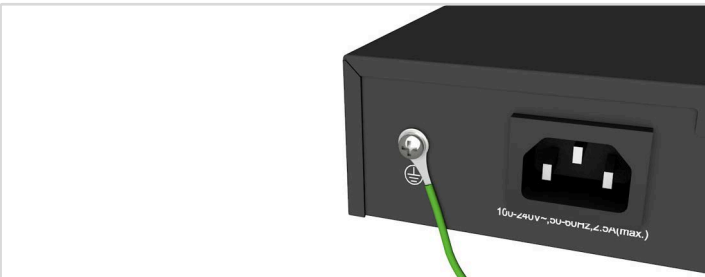
2. 安裝裝置

將裝置裝到機櫃中並用機櫃螺絲固定。



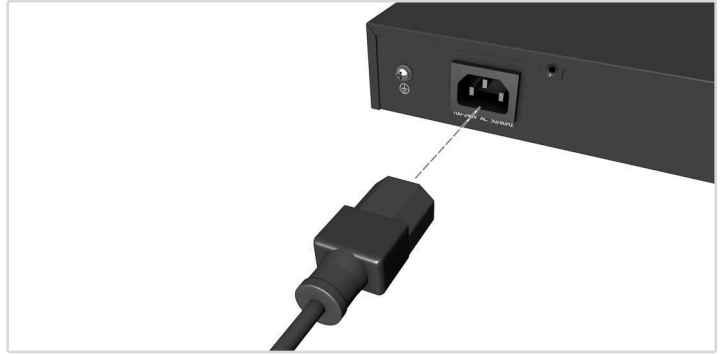
附註：亦可利用內附之黏性橡膠腳墊，將此裝置安裝在桌上或層架上。

2 將裝置接地



將接線片（未提供）附接到 #18 AWG 最小接地導線（未提供），並將其連接到後面板上的接地點。接下來，將接地線另一端連接至機櫃接地。

3 連接電源



將 AC 電源連接至裝置。

4 進行網路連線



RJ-45 PoE 連接埠

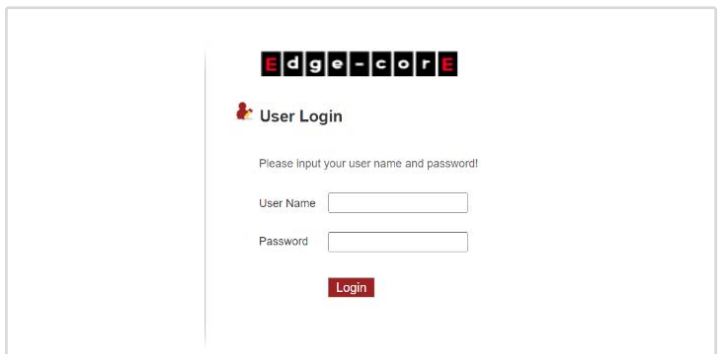
連接纜線 5e 類或以上的雙絞線。

SFP 連接埠

安裝收發器，然後將光纖電纜連接至收發器連接埠。支援以下收發器：

- 1000BASE-SX/LX 和 1000BASE-T (RJ-45)
- 100BASE-BX

5 連接至網路使用者介面



1. 將 PC 直接連接至交換器的 RJ-45 連接埠之一。
2. 在與交換器相同的子網路遮罩上設定 PC IP 位址（意即 PC 和交換器 IP 位址必須都是以 192.168.2.x 開頭，且子網路遮罩為 255.255.255.0）。
3. 將交換器的預設管理 IP 位址 192.168.2.10 輸入至網頁瀏覽器位址列。
4. 使用預設設定值登入網路介面：
 - 使用者名稱 = admin
 - 密碼 = admin



附註：如需使用網頁介面交換器配置的詳細資訊，請參閱位於 Edgecore 網站上的 *管理指南*，網址：wifi.edgecore.com。

硬體規格

尺寸 (寬 x 深 x 高)	ECS1100-5P / ECS1100-10HP : 294 x 180 x 44 mm (11.57 x 7.09 x 1.74 in.) ECS1100-28HP : 440 x 260 x 44 mm (17.32 x 10.24 x 1.74 in.)
重量	ECS1100-5P : 1.44 kg (3.17 lb) ECS1100-10HP : 1.56 kg (3.44 lb) ECS1100-28HP : 3.54 kg (7.8 lb)
溫度	操作 : 0° C 至 50° C (32° F 至 121° F) 儲存 : -40° C 至 70° C (-40° F 至 158° F)
濕度	操作 : 10% 至 90% (無冷凝)
耗電量	ECS1100-5P : 最大 140 瓦 ECS1100-10HP : 最大 270 瓦 ECS1100-28HP : 最大 560 瓦
PoE 預算	ECS1100-5P : 共 120 瓦 ECS1100-10HP : 共 250 瓦 ECS1100-28HP : 共 480 瓦
AC 輸入	ECS1100-5P : 100-240 VAC · 50/60Hz · 2.5 A ECS1100-10HP : 100-240 VAC · 50/60Hz · 4 A ECS1100-28HP : 100-240 VAC · 50-60Hz · 7.5 A

符合法規

輻射	EN 55032 Class A EN IEC 61000-3-2 EN 61000-3-3 FCC 47 CFR Part 15b Class A VCCI-CISPR 32 Class A BSMI (CNS 15936)
電磁耐受性	IEC 61000-4-2/3/4/5/6/8/11 EN 55035
安全性	LVD (EN 62368-1) BSMI (CNS 15598-1)
臺灣 RoHS	CNS 15663
