



EnGenius Cloud 雲端管理型交換器

最佳化效能、企業級功能與雲端管理

ECS 系列交換器可透過 EnGenius Cloud 雲端管理也可以作為獨立的網管型交換器使用。我們提供企業級功能並將網路設定變得更簡單方便。EnGenius ECS雲端管理型具有先進的管理功能，可提高網路的安全性、提升網路效能，最符合中小型企業的預算需求，讓企業可專注於發展業務。

設定簡單

易於部署的設計，EnGenius ECS雲端管理型 Gigabit PoE 交換器可在幾分鐘內完成設定並開始使用。即使是 IT 人員不足和預算有限的企業，也可以在短時間內，創建一個可靠的、高效管理的網路。

安裝靈活

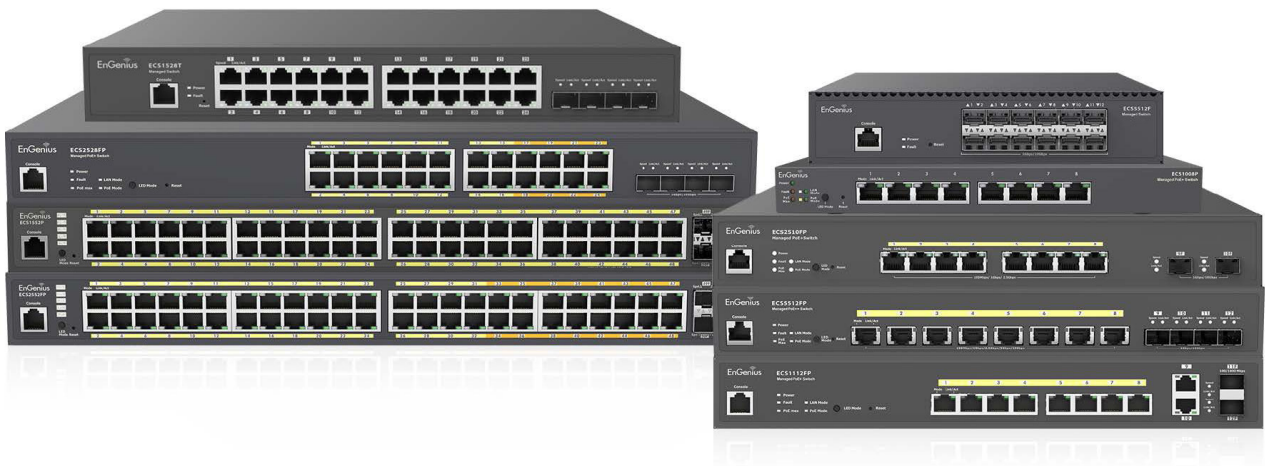
選擇埠數並設定符合您對網路與空間配置實際需求的機種，以獲得最佳效能。選擇對網路最有效的管理方法 -- 單機管理或雲端管理。

服務可靠

透過網路埠口設定與來自伺服器的保護機制來確保您的網路安全。除了雙因素認證加密之外，再利用設定觸發事件的警示條件，讓 EnGenius Cloud 在潛在問題出現時，立即推送通知。

產品特色與優點

- 即時的系統指標、深層分析和遠端設定
- 完整的 Layer 2 交換器功能
- 2.5G/10G Base-T 乙太網路埠口提供高頻寬並聚合連線以支援高速的傳輸到您的骨幹網路
- 所有埠口都具備網路線供電標準 802.3af/at/bt，並提供55W~740W 的功率預算
- EnGenius 首款全埠型 10G PoE 交換器
- 1-10 Gbps SFP+ 光纖介面可擴展連接至上行網路、執行備援和故障轉移
- 網路故障排除、監測和電子郵件提醒
- 即時的網路拓樸圖，顯示網路架構與設備連線關係
- 支援多種管理方式的混合型交換器
- 網路監視器專用的進階 PoE 功能，包含 PoE 延伸模式、PD 自動救援和 PoE 連續供電
- 透過管理系統可以勾選一鍵完成IP-MAC-PORT綁定



對您事業的主要助益

增加網路佈建的彈性

可選擇 8、10、24 或 48 個具有網路線供電的 Gigabit 埠口以及 1 Gbps SFP 或 10 Gbps SFP+ 接口的第二層交換器。雲端管理型交換器的安裝選擇還包括桌面式和機架安裝、無風扇或智慧風扇的設計。

最高可達 10G 的網路容量

EnGenius 雲端交換器系列提供 1G / 2.5G / 10G 的功能。可以傳輸和接收數據流量的 Base-T 乙太網路埠而沒有任何耗損。EnGenius 交換器可提升整體網路效能，以大於每秒一千兆的頻寬支援。為 802.11ax 基地台的提供足夠的電源。

802.3bt 的進階供電能力，滿足未來的設備需求

透過在所有埠口上提供 802.3at/af/bt 的網路線供電，公司可以根據設備需求調節功率預算。並遠端對各個埠口進行電源循環。具備 802.3bt 供電標準的 EnGenius 交換器可提供最高 60W 的功率，以優化您的電源管理並延長您的網路設備的壽命。如 Wi-Fi 6 基地台、加熱型的室外監視器、及未來各項對電源需求更高的物聯網設備。

光纖提供高速傳輸

交換器的 1 Gbps SFP 或 10 Gbps SFP+ 介面可連接有線和無線網路，超越了乙太網路線的限制。這幫助將網路延伸到建築物內的網段。透過減少網路的延遲，企業將獲得穩定且不間斷的網路通訊。

加強連線的管制與安全

使用基於 802.1X 端口的客戶端認證，透過動態 VLAN 和 RADIUS 伺服器的安全驗證保護網路。管理員可以使用訪客控制列表(ACL) 查看誰可以訪問網段，同時篩選來自未經授權的 MAC 或 IP 地址的流量。建立訪客 VLAN 來授予或限制訪客的瀏覽網路的權限，讓訪客可以使用網路的同時也確保了網路的安全。

更優化的 VLAN 改善語音和網路服務品質

使用 802.1Q VLAN 靜態或動態地按部門或流量類型劃分網路，以提高性能和安全性。而 802.1p 服務類則優先考慮符合標準的 VoIP 和視頻流量，確保頻寬在密集使用的情境與必須精準依據時間傳輸數據的情況下，還能實現清晰、流暢的語音和影像傳輸。

The screenshot displays the EnGenius cloud management interface. At the top, there's a navigation bar with 'EnGenius_Taipei' and 'Switches'. Below this is a table listing switches. Two switches are visible: 'ECS1008P-Lobby' and 'ECS1552FP'. The interface shows details for each switch, including port status, VLAN configuration, and PoE status. The 'ECS1552FP' switch is highlighted, showing its port view and VLAN settings.

Name	MAC	Model Name	WAN IP	LAN IP	Port(Active/Total)	FW Version	Network	Uptime	Last Update	Actions
ECS1008P-Lobby		ECS1008P			1/8	v1.11-2.01.045	8F	39d 23h 38m	2 minutes ago	Details Reboot
ECS1552FP		ECS1552FP			10/52	v1.11-3.01.045	7F	10d 15h 55m	2 minutes ago	Details Reboot

Port view for ECS1552FP:

Legend: 100/10 Mbps (orange), 1 Gbps (green), 10 Gbps (blue), Disconnected (grey), Disabled (red), PoE (lightning bolt), Uplink (up arrow).

Port status: 1 (green), 2 (green), 3 (green), 4 (green), 5 (green), 6 (green), 7 (green), 8 (green).

VLAN configuration for ECS1552FP:

VLAN 1: Id 1, Tagged -, Untagged 1-8. Status: PoE(Used/Total) 0W/55W, STP Enabled.

VLAN 100: Id 100, Tagged -, Untagged 1-24, 49-52. Status: PoE(Used/Total) 25.1W/740W, STP Enabled.

提供深度的網路可視性

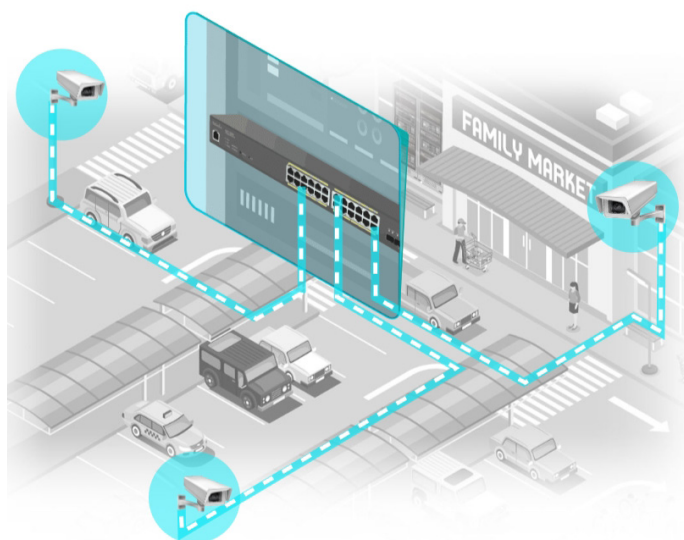
拓撲視圖可自動反映實際網路部署，並顯示整個網路基礎建設中，設備之間的關係。使用雲端管理介面，無須手動跟進追蹤，只需透過網路拓撲視圖，即可直接從交換器或基地台進行故障排除。將滑鼠游標停在設備圖示上，則可以獲得進階的資訊，或者點擊“Details”，進入雲端設備頁面查看。

每一台雲端設備都受到高級認證的保護和安全保護

使用 EnGenius Cloud，您的網路設備將受到雙重認證和非序列數字及 MAC 地址驗證的保護，以確保網路上只有授權過的雲端設備。一旦設備通過認證，就會在設備和雲端管理系統之間建立一個安全的通道，並使用獨特的認證來加密傳輸。

監視器專用的進階 PoE 功能

ECS1528P/ECS1528FP/ECS1552P/ECS1552FP 交換器有幾個特點可以解決佈建和管理網路監視器遇到的痛點。這些都是以 PoE 網路線供電為基礎的進階功能。PoE 延伸模式允許讓你可以將監視器透過網路線佈建到更遠的範圍，最遠可達 250 公尺。PD 自動救援功能可隨時監控監視器的狀態，並在監視器因故障停止運作時，透過自動的 PoE 重新連線將其重啟運作。PoE 連續供電功能，則讓交換器在更新韌體時也能持續運作，不會因此需要斷電等待重開。



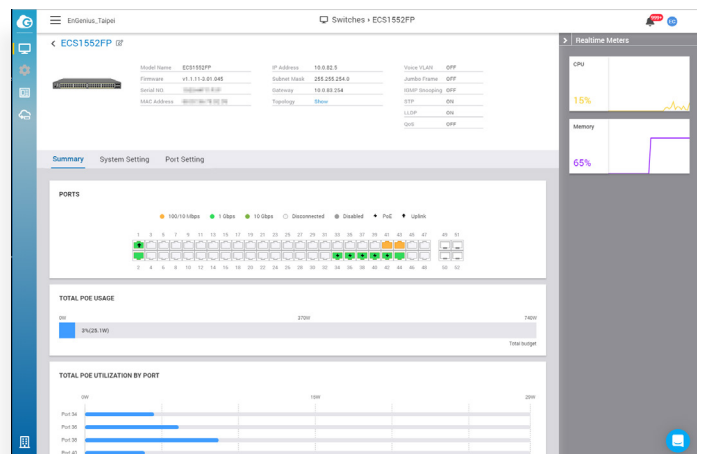
透過雲端運算改善千兆交換器的設置、註冊和設備管理

使用 EnGenius Cloud 管理您的交換器，實現快速、簡單的設置。將網路交換器用 EnGenius Cloud To-Go 應用程式掃描並分配到組織和網路中，以進行裝置註冊和設定。一旦註冊完畢與初始設定後，可以簡單地在交換器詳情頁面的列表視圖下完成交換器的完整設定。

EnGenius Cloud 的儀表板提供了一個快速檢查組織和網路內的所有交換器狀態的介面，你還可以快速查看特定交換器的詳細的設定和系統資訊。

你可以在一個地點，使用交換器列表和詳細視圖來比較資源、檢查整體設定和查看即時儀表數據並進行詳細的系統和連接埠設定，如此方便又輕鬆地監控和排除所有網路的問題。

設定跨時區的維護計畫，啟用遠端系統日誌以跟踪系統修改或設定更改，自訂觸發事件的電子郵件警報，並透過 EnGenius Cloud To-Go 應用程式接收即時的推送通知。



簡易的交換器管理、視覺化介面和問題排解

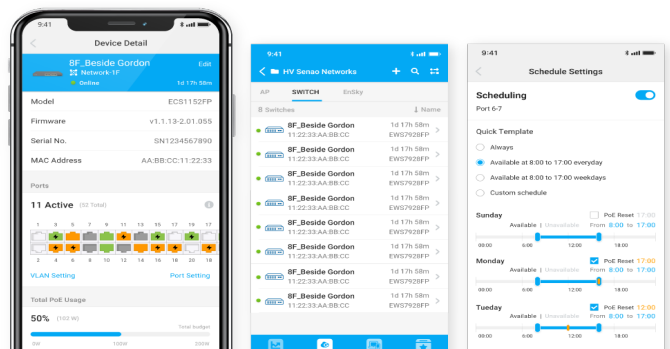
EnGenius 透過遠端管理、視覺化介面和故障排除等功能減少了人員到點管理花費的時間。你可以根據網路架構、管理權限、技術能力、甚至預算來選擇最有效的管理方式。

單機管理

以獨立的方式管理每台 EnGenius 交換器。在其直覺的使用者介面上進行設定，在所有第 2 層交換功能上提供完整的權限。

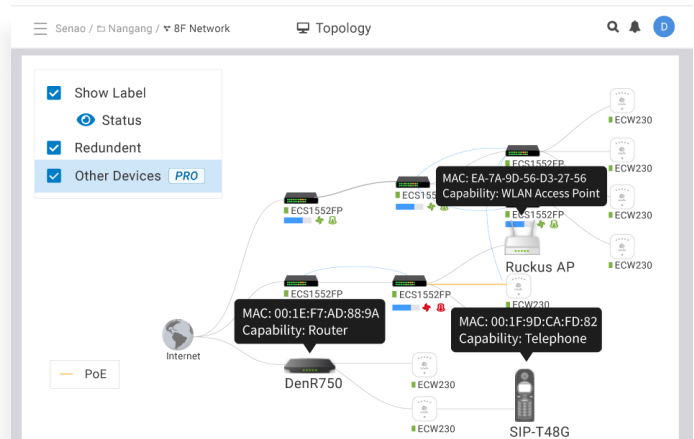
雲端管理

使用 EnGenius Cloud 管理網路交換器。這個平台讓你可以快速的部署網路至任何地方，深入分析數據以檢視系統效能，以及透過一個簡單好用的智慧型手機應用程式，自訂設備的異常事件警示。



使用第三方設備監控整個網路拓撲

除了可以在拓撲中查看 EnGenius Switch 和 AP 之外，還可以使用專業版拓撲查看第三方設備，輕鬆獲得網路的整體視圖。拓撲圖可顯示網路中設備的實際連接情況，並可查看無線基地台和交換器的即時狀態，以供檢查 PoE 狀態、IP 和 MAC 地址以及傳輸量等詳細資訊。在專業模式中，同時可查看第三方設備的設備名稱、能力、供應商和 IP 地址，以全面掌控網路狀態。



雲端管理型交換器

Gigabit網路交換器					
					
產品名稱	L2Plus 8 PoE	L2Plus 8 Full PoE	L2Plus 24		L2Plus 24 PoE
產品編號	ECS1008P	ECS1112FP	ECS1528T	ECS1528	ECS1528P
交換器等級	Layer 2+	Layer 2+	Layer 2+	Layer 2+	Layer 2+
Gigabit連接埠	8	10	24	24	24
Multi-G連接埠	-	-	-	-	-
SFP光纖埠	-	2	-	-	-
SFP+光纖埠	-	-	4	4	4
RJ45控制埠	-	●	●	●	●
機架形式	9.45" (desktop)	13" 1U	13" 1U	19" 1U	19" 1U
網路線供電標準	802.3af/at	802.3af/at	-	-	802.3af/at
總功率預算	55W	130W	-	-	240W
網路線供電連接埠	Ports 1-8	Ports 1-8	-	-	Ports 1-24
交換能力	16Gbps	24Gbps	128Gbps	128Gbps	128Gbps
封包轉發速率	11.904Mpps	17.856Mpps	95.23Mpps	95.23Mpps	95.23Mpps
MAC 地址大小	8K	8K	16K	16K	16K
封包緩衝記憶體	512KB	512KB	1.5MB	1.5MB	1.5MB
滿載功率消耗	62.05 Watts	152.8 Watts	24.41 Watts	24.41 Watts	297.6 Watts
突波保護	Line to Line: 1KVLine to Ground: 2KV (For Power)	Line to Line: 1KVLine to Ground: 2KV (For Power)	Line to Line: 1KVLine to Ground: 2KV (For Power)	Line to Line: 1KVLine to Ground: 2KV (For Power)	Line to Line: 1KVLine to Ground: 2KV (For Power)
靜電保護	Contact: 4KVAir: 8KV	Contact: 4KVAir: 8KV	Contact: 4KVAir: 8KV	Contact: 4KVAir: 8KV	Contact: 4KVAir: 8KV
PoE 延伸模式	●	●	-	-	●
PD 自動救援	●	●	-	-	●
PoE 連續供電	●	●	-	-	●
尺寸	240mm x 105mm x 27mm	330mm x 230mm x 44mm	330mm x 230mm x 44mm	440mm x 260mm x 44mm	440mm x 260mm x 44mm
雲端管理模式	●	●	●	●	●
本地管理模式	●	●	●	●	●
單機運作模式	●	●	●	●	●

雲端管理型交換器

Gigabit網路交換器				
				
產品名稱	L2Plus 24 Full PoE	L2Plus 48	L2Plus 48 PoE	L2Plus 48 Full PoE
產品編號	ECS1528FP	ECS1552	ECS1552P	ECS1552FP
交換器等級	Layer 2+	Layer 2+	Layer 2+	Layer 2+
Gigabit連接埠	24	48	48	48
Multi-G連接埠	-	-	-	-
SFP光纖埠	-	-	-	-
SFP+光纖埠	4	4	4	4
RJ45控制埠	●	●	●	●
機架形式	19" 1U	19" 1U	19" 1U	19" 1U
網路線供電標準	802.3af/at		802.3af/at	802.3af/at
總功率預算	410W	-	410W	740W
網路線供電連接埠	Ports 1-24	-	Ports 1-48	Ports 1-48
交換能力	128Gbps	176Gbps	176Gbps	176Gbps
封包轉發速率	95.23Mpps	130.95Mpps	130.95Mpps	130.95Mpps
MAC 地址大小	16K	32K	32K	32K
封包緩衝記憶體	1.5MB	2MB	2MB	2MB
滿載功率消耗	500.46 Watts	43.92 Watts	476.3 Watts	885 Watts
突波保護	Line to Line: 1KV Line to Ground: 2KV (For Power)	Line to Line: 1KV Line to Ground: 2KV (For Power)	Line to Line: 1KV Line to Ground: 2KV (For Power)	Line to Line: 1KV Line to Ground: 2KV (For Power)
靜電保護	Contact: 4KVAir: 8KV	Contact: 4KVAir: 8KV	Contact: 4KVAir: 8KV	Contact: 4KVAir: 8KV
PoE 延伸模式	●	-	●	●
PD 自動救援	●	-	●	●
PoE 連續供電	●	-	●	●
尺寸	440mm x 260mm x 44mm	440mm x 260mm x 44mm	440mm x 310mm x 44mm	440mm x 310mm x 44mm
雲端管理模式	●	●	●	●
本地管理模式	●	●	●	●
單機運作模式	●	●	●	●

雲端管理型交換器

Multi-G高速交換器						
						
產品名稱	MGPlus 8 Full PoE	CloudSwitch MGPlus 8	CloudSwitch MG-Plus 8 Full PoE	MGPlus 24 Full PoE	MGPlus 24 Full PoE 6 SFP+	MGPlus 48 Full PoE
產品編號	ECS2510FP	ECS2512	ECS2512FP	ECS2528FP	ECS2530FP	ECS2552FP
交換器等級	Layer 2+	Layer 2+	Layer 2+	Layer 2+	Layer 2+	Layer 2+
Gigabit連接埠	-	-	-	16	-	32
Multi-G連接埠	8x 2.5G	8x 2.5G	8x 2.5G	8x 2.5G	24x 2.5G	16x 2.5G
SFP光纖埠	-	-	-	-	-	-
SFP+光纖埠	2	4	4	4	6	4
RJ45控制埠	●	●	●	●	●	●
機架形式	13" 1U	13" 1U	13" 1U	19" 1U	19" 1U	19" 1U
網路線供電標準	802.3af/at	-	802.3af/at/bt	802.3af/at	802.3af/at/bt	802.3af/at
總功率預算	240W	-	240W	410W	740W	740W
網路線供電連接埠	Ports 1-8	-	Ports 1-8	Ports 1-24	Ports 1-16 at Ports 17-24 bt	Ports 1-48
交換能力	80Gbps	120Gbps	120Gbps	152Gbps	240Gbps	224Gbps
封包轉發速率	59.52 Mpps	89.29 Mpps	89.29 Mpps	113.10 Mpps	178.57 Mpps	166.67 Mpps
MAC 地址大小	16K	16K	16K	16K	16K	32K
封包緩衝記憶體	512KB	512KB	512KB	1.5MB	1.5MB	2MB
滿載功率消耗	270.47 Watts	23.52 Watts	299 Watts	499.85 Watts	873.73 Watts	913 Watts
突波保護	Line to Line: 1KV Line to Ground: 2KV (For Power)	Line to Line: 1KV Line to Ground: 2KV (For Power)	Line to Line: 1KV Line to Ground: 2KV (For Power)	Line to Line: 1KV Line to Ground: 2KV (For Power)	Line to Line: 1KV Line to Ground: 2KV (For Power)	Line to Line: 1KV Line to Ground: 2KV (For Power)
靜電保護	Contact: 4KVAir: 8KV	Contact: 4KVAir: 8KV	Contact: 4KVAir: 8KV	Contact: 4KVAir: 8KV	Contact: 4KVAir: 8KV	Contact: 4KVAir: 8KV
PoE 延伸模式	-	-	-	●	-	●
PD 自動救援	-	-	-	●	●	●
PoE 連續供電	-	-	-	●	●	●
尺寸	330mm x 230mm x 44mm	330mm x 230mm x 44mm	330mm x 230mm x 44mm	440mm x 260mm x 44mm	440mm x 260mm x 44mm	440mm x 310mm x 44mm
雲端管理模式	●	●	●	●	●	●
本地管理模式	●	●	●	●	●	●
單機運作模式	●	●	●	●	●	●

雲端管理型交換器

Multi-G高速交換器					
					
產品名稱	Aggregate 8XG	Aggregate 8XG Full PoE	Aggregate 12	MGLite 5	MGLite 8
產品編號	ECS5512	ECS5512FP	ECS5512F	ECS205L	ECS208L
交換器等級	Layer 2+	Layer 2+	Layer 2+	Websmart	Websmart
Gigabit連接埠	-	-	-	-	-
Multi-G連接埠	8x 10G	8x 10G	-	5 x 2.5G	8 x 2.5G
SFP光纖埠	-	-	-	-	-
SFP+光纖埠	4	4	12	-	-
RJ45控制埠	●	●	●	-	-
機架形式	13" 1U	13" 1U	Half Rack	6.7" (desktop)	6.7" (desktop)
網路線供電標準	-	802.3af/at/bt (up to 90W)	-	-	-
總功率預算	-	410W	-	-	-
網路線供電連接埠	-	Ports 1-8	-	-	-
交換能力	240Gbps	240Gbps	240Gbps	25Gbps	40Gbps
封包轉發速率	178.57 Mpps	178.57 Mpps	178.57 Mpps	18.6 Mpps	29.76 Mpps
MAC 地址大小	32K	32K	32K	4K	4K
封包緩衝記憶體	2MB	2MB	2MB	1MB	1MB
滿載功率消耗	29.22 Watts	410.35 Watts	43.4 Watts	5.6 Watts	8.1 Watts
突波保護	Line to Line: 1KV Line to Ground: 2KV (For Power)	Line to Line: 1KV Line to Ground: 2KV (For Power)	Line to Line: 1KV Line to Ground: 2KV (For Power)	Line to Line: 1KV Line to Ground: 2KV (For Power)	Line to Line: 1KV Line to Ground: 2KV (For Power)
靜電保護	Contact: 4KVAir: 8KV	Contact: 4KVAir: 8KV	Contact: 4KVAir: 8KV	Contact: 4KVAir: 8KV	Contact: 4KVAir: 8KV
PoE 延伸模式 *	-	-	-	-	-
PD 自動救援	-	-	-	-	-
PoE 連續供電	-	-	-	-	-
尺寸	330mm x 230mm x 44mm	330mm x 230mm x 44mm	210mm x 230mm x 44mm	170mm x 105mm x 27mm	170mm x 105mm x 27mm
雲端管理模式	●	●	●	●	●
本地管理模式	●	●	●	●	●
單機運作模式	●	●	●	●	●

* PoE延伸模式可在遠程佈建展現高效能，但實際的網路成效會受到網路線品質和監視器電子設計之影響。

技術規格

Technical Specifications

Port Standards

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ ECS1528FP/ECS1552/ECS1552P/
ECS1552FP

802.3 10Base-T Ethernet

802.3u 100Base-TX Ethernet

802.3ab 1000Base-T Ethernet

802.3x Full-Duplex Flow Control

ECS2510FP/ECS2512/ECS2512FP/ECS2528FP/
ECS2530FP/ECS2552FP/ECS5512/ECS5512FP/
ECS5512F

802.3u 100Base-TX Ethernet

802.3ab 1000Base-T Ethernet

802.3bz 2.5G/5GBase-T Ethernet

802.3x Full-Duplex Flow Control

ECS205L/ECS208L

802.3u 100Base-TX Ethernet

802.3ab 1000Base-T Ethernet

802.3bz 2.5G/5GBase-T Ethernet

802.3x Full-Duplex Flow Control

Network Ports

ECS1008P

8 x 10/100/1000 Mbps Ports

ECS1112FP

10 x 10/100/1000 Mbps Ports + 2x SFP Ports

ECS1528/ECS1528T/ECS1528P/ECS1528FP

24 x 10/100/1000 Mbps Ports + 4x SFP+ Ports

ECS1552/ECS1552P/ECS1552FP

48 x 10/100/1000 Mbps Ports + 4x SFP+ Ports

ECS2510FP

8x100/1000/2500 Mbps Ports + 2x SFP Ports

ECS2512/ECS2512FP

8 x 100/1000/2500 Mbps Ports + 4x SFP+ Ports

ECS2528FP

16x10/100/1000 Mbps Ports + 4x SFP+ Ports

8x100/1000/2500 Mbps Ports

ECS2530FP

24x 100/1000/2500 Mbps Ports + 6x SFP+ Ports

ECS2552FP

32x10/100/1000 Mbps Ports + 4x SFP+ Ports

16x100/1000/2500 Mbps Ports

ECS5512/ECS5512FP

8 x100/1000/2500/5000/10000 Mbps Ports + 4x
SFP+ Ports

ECS5512F

12x SFP+ Ports

ECS205L

5x100/1000/2500 Mbps Ports

ECS208L

8x100/1000/2500 Mbps Ports

Switching Capacity

ECS1008P

16 Gbps

ECS1112FP

24 Gbps

ECS1528/ECS1528T/ECS1528P/ECS1528FP

128 Gbps

ECS1552/ECS1552P/ECS1552FP

176 Gbps

ECS2510FP

80 Gbps

ECS2512/ECS2512FP

120 Gbps

ECS2528FP

152 Gbps

ECS2552FP

224 Gbps

ECS5512/ECS5512FP/ECS5512F/ECS2530FP

240 Gbps

ECS205L

25Gbps

ECS208L

40Gbps

SDRAM

ECS1008P/ECS1112FP

256MB

ECS1528/ECS1528T/ECS1528P/ECS1528FP/
ECS1552/ ECS1552P/ECS1552FP/ECS2510FP/
ECS2512/ECS2512FP/ECS2528FP/ECS2530FP/
ECS2552FP/ECS5512/ECS5512FP/ ECS5512F

512MB

Flash Memory

ECS1008P/ECS1112FP/ECS205L/ECS208L

32MB

ECS1528/ECS1528T/ECS1528P/ECS1528FP/
ECS1552/ ECS1552P/ECS1552FP/ECS2510FP/
ECS2512/ECS2512FP/ECS2528FP/ECS2530FP/
ECS2552FP/ECS5512/ECS5512FP/ ECS5512F

128MB

PoE Capable Ports

ECS1008P/ECS1112FP/ECS2510FP

Ports1-8 (802.3af/at)

ECS2512FP

Ports1-8 (802.3af/at/bt)

ECS1528/ECS1528T/ECS1528P/ECS1528FP/
ECS2528FP

Ports 1-24 (802.3af/at)

ECS2530FP

Ports 1-16 (802.3af/at), Ports 17-24 (802.3af/at/
bt:90w)

ECS1552P/ECS1552FP/ECS2552FP

Ports 1-48 (802.3af/at)

ECS5512FP

Ports 1-8 (up to 90W)

Total PoE Budget

ECS1008P

55W

ECS1112FP

130W

ECS1528P/ECS2510FP/ECS2512FP

240W

ECS1528FP/ECS1552P/ECS2528FP/ECS5512FP

410W

ECS1552FP/ECS2530FP/ECS2552FP

740W

Power Source

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F/ECS205L/ECS208L

100 ~ 240VAC, 50/60Hz

Physical Interface

System Indicators

ECS1008P/ECS1112FP/ECS1528P/ECS1528FP/
ECS1552P/ECS1552FP/ECS2510FP/ECS-
2512FP/ECS2528FP/ECS2530FP/ECS2552FP/
ECS5512FP

Power LED

Fault LED

PoE Max LED

LAN Mode LED

PoE Mode LED

ECS1528/ECS1528T/ECS1552/ECS2512/
ECS5512/ECS5512F

Power LED

Fault LED

ECS205L/ ECS208L

Power LED

Port Indicators

ECS1008P

Link/Activity/Speed (per Ethernet port)

ECS1112FP/ECS1528/ECS1528T/ECS1528P/
ECS1528FP/ECS1552/ECS1552P/ECS1552FP/
ECS2510FP/ECS2512/ECS2512FP/ECS2528FP/
ECS2530FP/ECS2552FP/ECS5512/ECS5512FP

Link/Activity/Speed (per Ethernet port)

Link/Activity/Speed (per SFP slot)

ECS5512F

Link/Activity/Speed (per SFP slot)

ECS205L/ECS208L

Link/Activity/Speed (per Ethernet port)

技術規格

Software Features(L3 Feature)

Multiple IP Interface

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F

20 IPv6 address

ARP Table

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F

Max. 192 ARP entries

IPv4 Static Route

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F

Max. 63 entries

IPv6 Static Route

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F

Max. 21 entries

Software Features(L2 Feature)

Network Management

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F/ECS205L/ ECS208L

EnGenius Cloud

Local Web GUI

MAC Address Table

ECS1008P/ECS1112FP

8K

ECS1528/ECS1528T/ECS1528P/ECS1528FP/
ECS2510FP/ECS2512/ECS2528FP/ECS2530FP

16K

ECS1552/ECS1552P/ECS1552FP/ECS2512FP/
ECS2552FP/ECS5512/ECS5512FP/ECS5512F

32K

ECS205L/ ECS208L

4K

Jumbo Frame

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F

10k

ECS205L/ ECS208L

12K

Multicast Group

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F

Max 256 groups

ECS205L/ ECS208L

8

MLD Snooping

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512F

MLD Snooping: v1

QoS-number of Priority Queues Supported

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F

Queue 8

ECS205L/ ECS208L

8

QoS Trust Mode

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F/ECS205L/ ECS208L

Cos/802.1p

DSCP

CoS/802.1p-DSCP

Scheduling Mechanism

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F/ECS205L/ ECS208L

Strict / WRR/ Strict + WRR

Bandwidth Control

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F/ECS205L/ ECS208L

Port-based bandwidth control (Ingress/Egress)

Port Security

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F

Max. 256 Entries

Access Control List (ACL)

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F

MAC Based ACL

IPv4/IPv6 Based ACL

ACL Binding

Web Graphical User Interface(GUI)

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F

HTTP IPv4 / IPv6

HTTPS IPv4 / IPv6

ECS205L/ ECS208L

HTTP IPv4

HTTPS IPv4

SNMP

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F

SNMP v1/v2c/v3 Support

RMON

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F

RMON 1,2,3,9

System Time

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F/ECS205L/ ECS208L

Time Setting/Daylight saving

Common L2 Features

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528P/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F

802.1D Spanning tree

802.1w Rapid Spanning Tree

802.1S Rapid Spanning Tree

Loopback Detection

Multicast Filitering

IGMP Snooping

802.1Q VLAN tagging

802.3x flow control

802.3ad Link Aggregation

IPv4 DHCP Relay

IPv4 DHCP Snooping

IPv4 DHCP Snooping Source MAC Address
Check-up

ARP Packet Validation (additional validation
checks)

Voice VLAN

Port-based VLAN

技術規格

CoS Mapping
802. 1X Radius Authentication Protocol
IPv4 Settings/IPv6 Settings
IEEE 802. 3az Energy Efficeient Ethernet (EEE)
Command Line Interface (CLI)
SSH Server
Telnet Server
TFTP Client
Configuration Upgrade/ Backup
Simple Network Time Protocol (SNTP)
SYSLOG
Broadcast/Unknown Multicast/Unknown Unicast Storm Control

ECS205L/ ECS208L

802.1w Rapid Spanning Tree
Multicast Filitering
IGMP Snooping
802.1Q VLAN tagging
802.3x flow control
Voice VLAN
Port-based VLAN
CoS Mapping
IPv4 Settings
Configuration Upgrade/ Backup
Simple Network Time Protocol (SNTP)
SYSLOG
Broadcast/Unknown Multicast/Unknown Unicast Storm Control

Environmental & Physical

Temperature Range

ECS1008P/ ECS205L/ ECS208L

Operating: 32°F to 104°F (0°C to 40°C)

ECS1112FP/ECS1528/ECS1528T/ECS1528P/
ECS1528FP/ECS1552/ECS1552P/ECS1552FP/
ECS2510FP/ECS2512/ECS2512FP/ECS2528FP/
ECS2530FP/ECS2552FP/ECS5512/ECS5512FP/
ECS5512F

Operating: 32°F to 122°F (0°C to 50°C)

Humidity (Non-Condensing)

ECS1008P/ECS1112FP/ECS1528/ECS1528T/
ECS1528FP/ECS1528FP/ECS1552/ECS1552P/
ECS1552FP/ECS2510FP/ECS2512/ECS2512FP/
ECS2528FP/ECS2530FP/ECS2552FP/ECS5512/
ECS5512FP/ECS5512F/ ECS205L/ ECS208L

Operating: 5% - 95%

Device Dimensions & Weight

Package Contents

ECS1008P

1x Cloud Managed Gigabit Switch
1x Product Card
1x Power Adapter
1x Power Cord
1x Wall Mount Kit
1x Ground Screw Set
ECS1112FP/ECS1528/ECS1528T/ECS1528P/ ECS1528FP/ECS1552/ECS1552P/ECS1552FP/ ECS2510FP/ECS2512/ECS2512FP/ECS2528FP/ ECS2530FP/ECS2552FP/ECS5512/ECS5512FP/ ECS5512F
1x Cloud Managed Gigabit Switch

1x Product Card
1x Power Cord
1x RJ45 Console Cable
1x Rack Mount Kit
ECS205L/ ECS208L
1x Cloud Managed Switch
1x Product Card
1x Power Adapter
1x Wall Mount Kit
1x Rubber Feet Cushion

Device Dimensions & Weights

ECS1008P

Weight: 0.6 kg

Width: 105 mm

Length: 240 mm

Height: 27 mm

ECS1112FP/ECS1528T

Weight: 1.9 kg

Width: 330 mm

Length: 230 mm

Height: 44 mm

ECSECS1528

Weight: 1.9 kg

Width: 200 mm

Length: 440 mm

Height: 44 mm

ECS1528P/ECS1528FP/ECS1552/ECS2528FP

Weight: 4.7 kg

Width: 260 mm

Length: 440 mm

Height: 44 mm

ECS2530FP

Weight: 4 kg

Width: 260 mm

Length: 440 mm

Height: 44 mm

ECS1552P

Weight: 3.9 kg

Width: 440 mm

Depth: 310 mm

Height: 44 mm

ECS1552FP

Weight: 4.76 kg

Width: 440 mm

Length: 310 mm

Height: 44 mm

ECS2552FP

Weight: 5.9 kg

Width: 310 mm

Length: 440 mm

Height: 44 mm

ECS2510FP/ECS2512/ECS2512FP/ECS5512/
ECS5512FP

Weight: 2.6 kg

Width: 230 mm

Length: 330 mm

Height: 44 mm

ECS5512F

Weight: 1.39 kg

Width: 210 mm

Length: 230 mm

Height: 44 mm

ECS205L/ ECS208L

Weight: 0.4 kg

Length: 9,45" (170 mm)

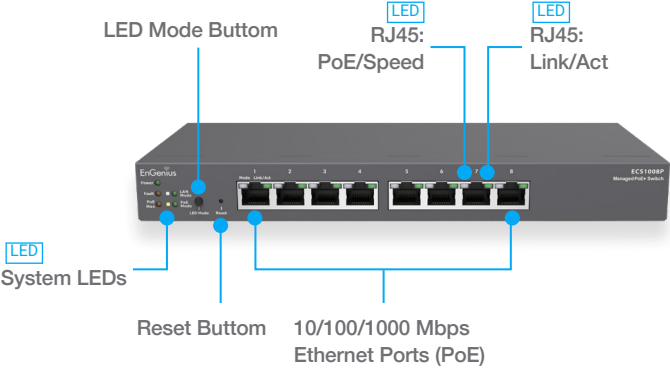
Width: 4.13" (105 mm)

Height: 1.06" (27 mm)

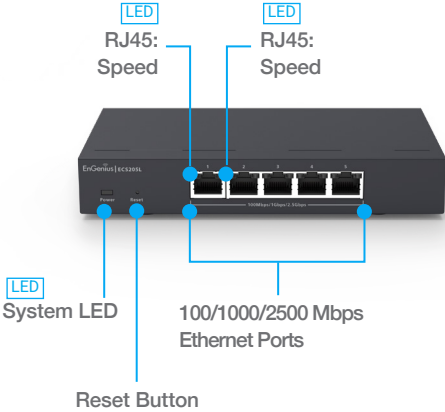
硬體規格

桌機型

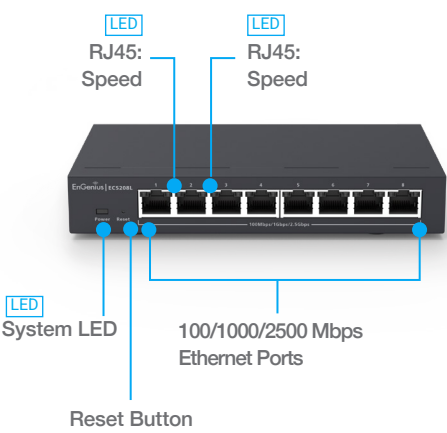
CloudSwitch L2Plus 8 PoE
(ECS1008P)



CloudSwitch MGLite 5
(ECS205L)



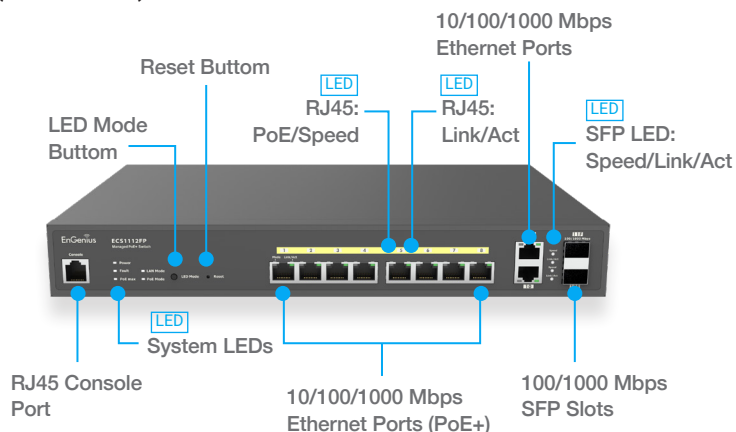
CloudSwitch MGLite 8
(ECS208L)



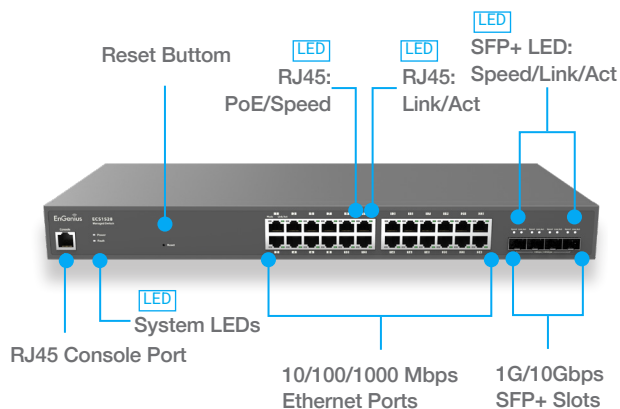
硬體規格

機架型

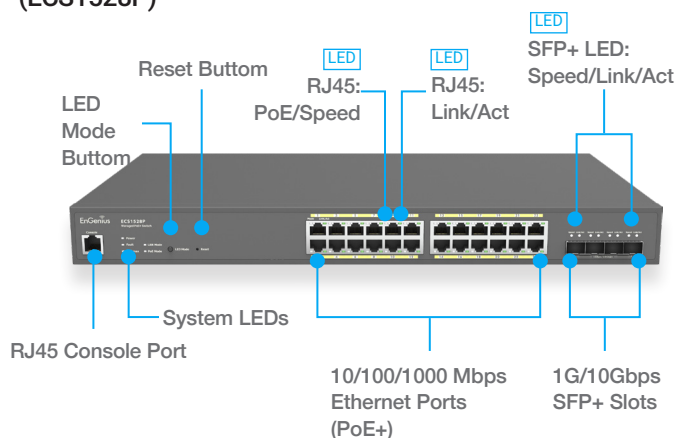
CloudSwitch L2Plus 8 Full PoE
(ECS1112FP)



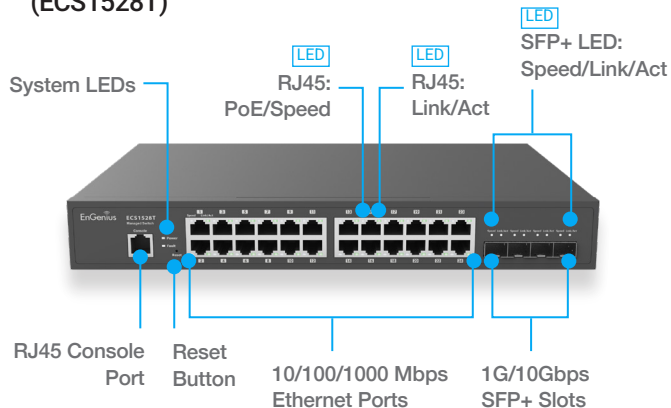
ECS1528



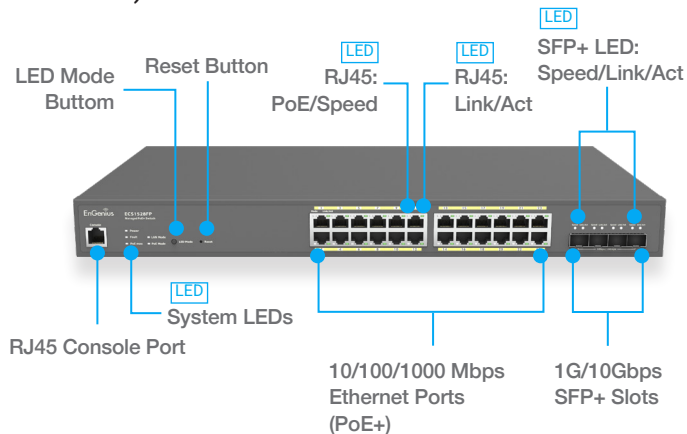
CloudSwitch L2Plus 24 PoE
(ECS1528P)



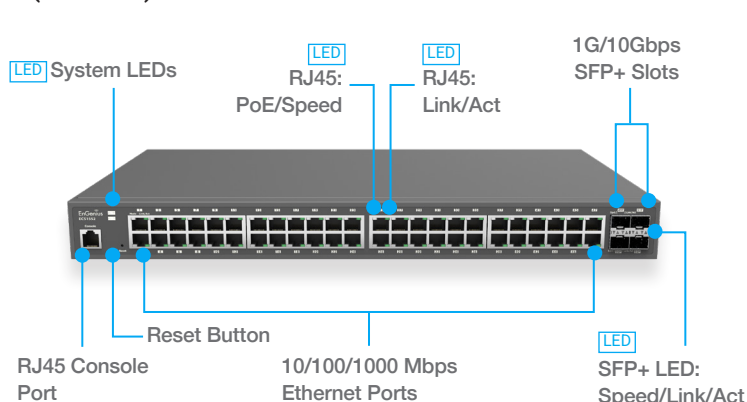
CloudSwitch L2Plus 24
(ECS1528T)



CloudSwitch L2Plus 24 Full PoE
(ECS1528FP)



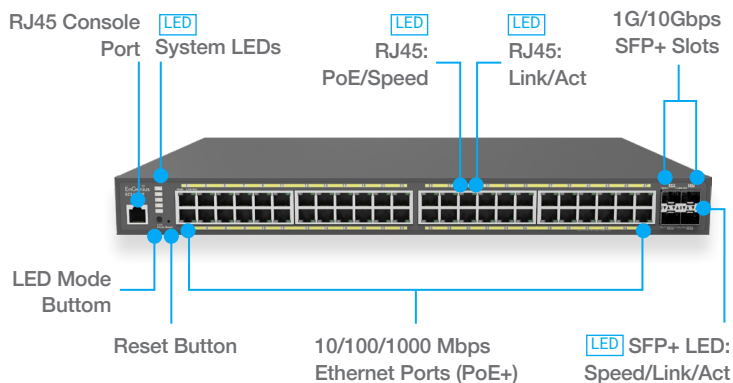
CloudSwitch L2Plus 48
(ECS1552)



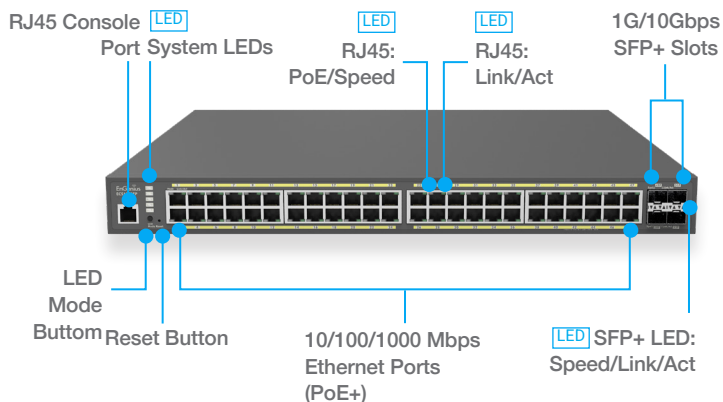
硬體規格

機架型

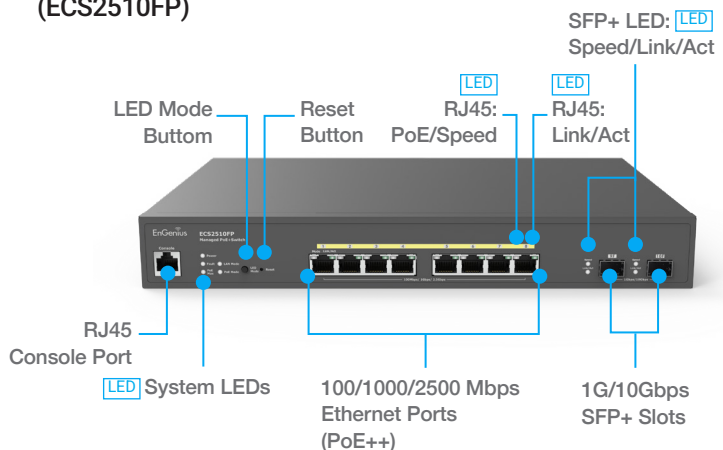
CloudSwitch L2Plus 48 PoE
(ECS1552P)



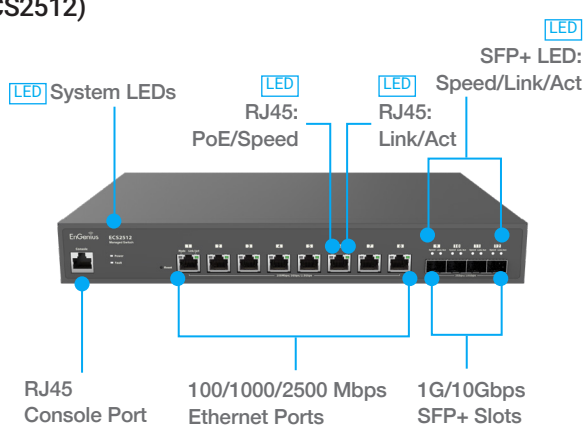
CloudSwitch L2Plus 48 Full PoE
(ECS1552FP)



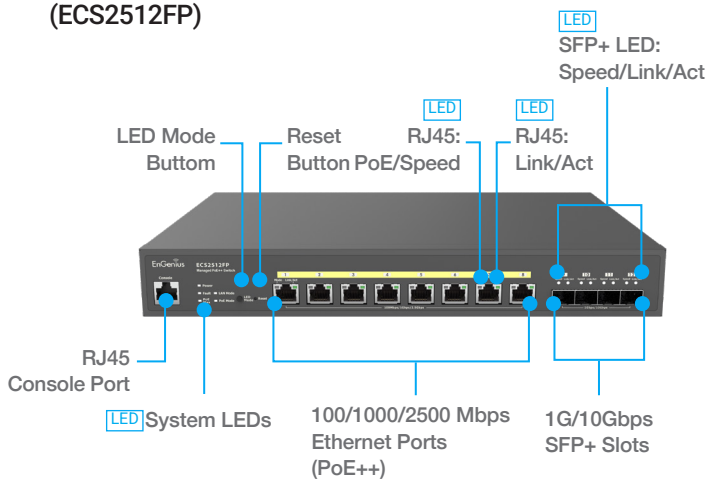
CloudSwitch MGPlus 8 Full PoE
(ECS2510FP)



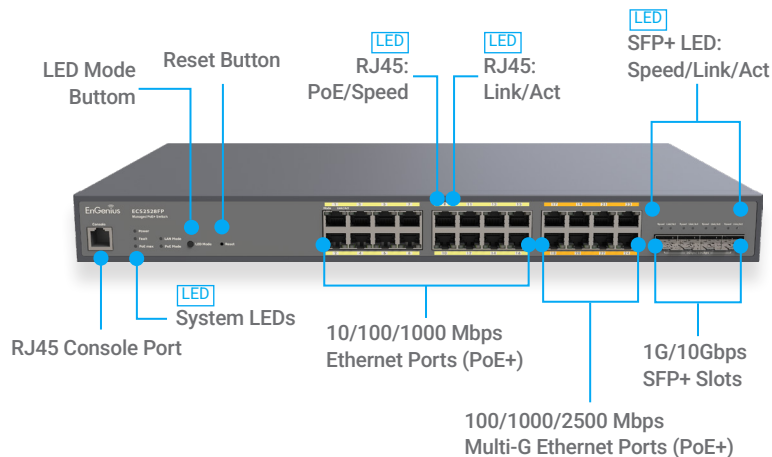
CloudSwitch MGPlus 8
(ECS2512)



CloudSwitch MGPlus 8 Full PoE
(ECS2512FP)



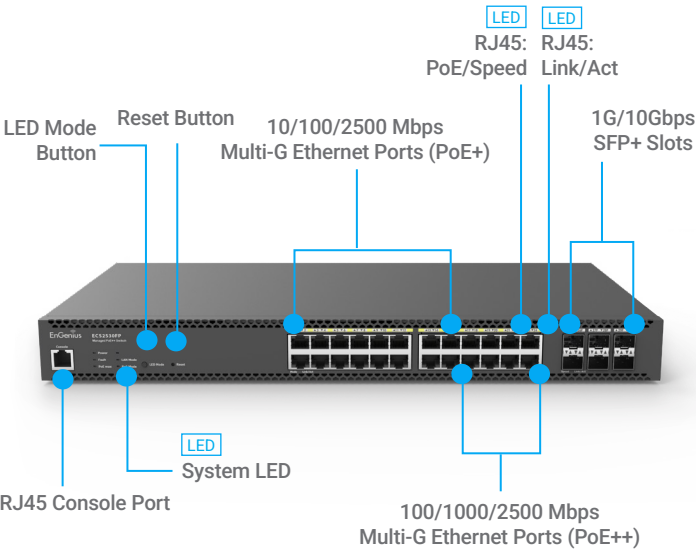
CloudSwitch MGPlus 24 Full PoE
(ECS2528FP)



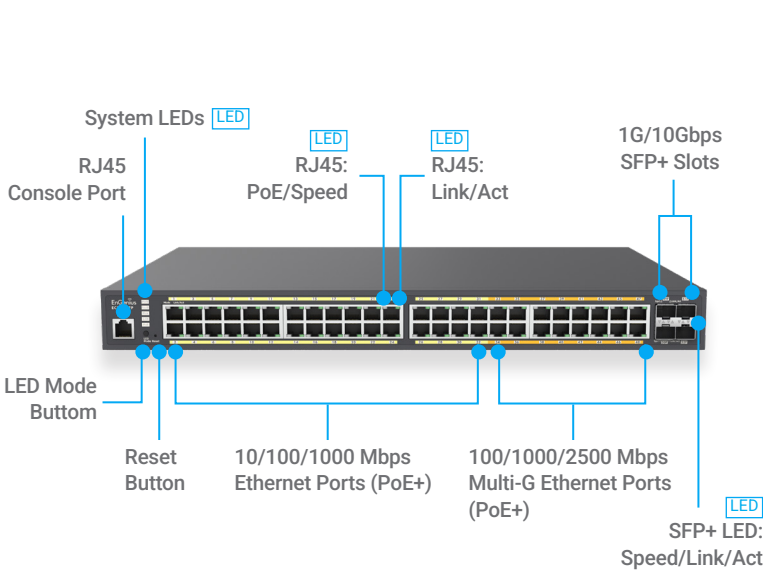
硬體規格

機架型

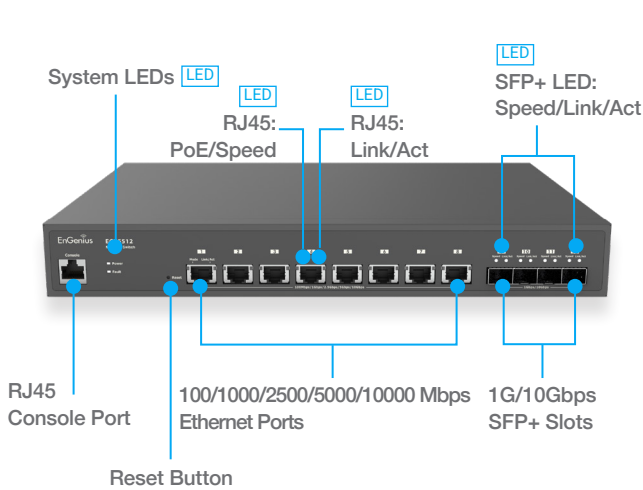
CloudSwitch MGPlus 24 Full PoE 6 SFP+ (ECS2530FP)



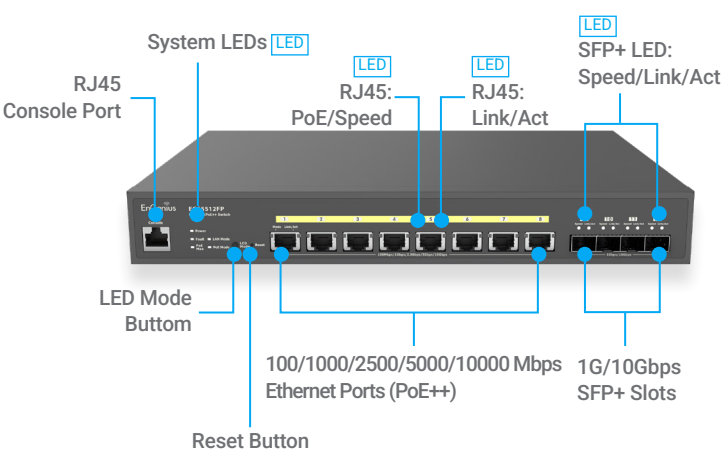
CloudSwitch MGPlus 48 Full PoE (ECS2552FP)



CloudSwitch Aggregate 8XG (ECS5512)



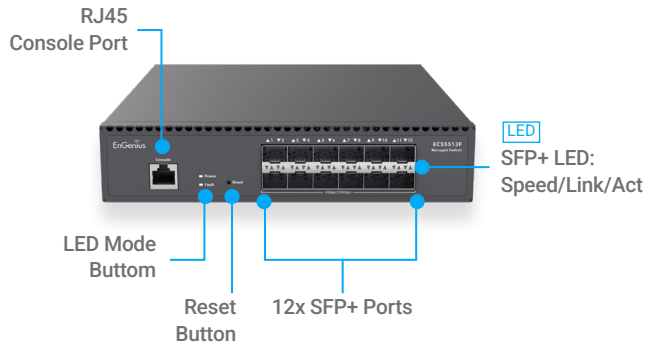
CloudSwitch Aggregate 8XG Full PoE (ECS5512FP)



硬體規格

機架型

CloudSwitch Aggregate 12 (ECS5512F)



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