



Cloud6 2x2 Outdoor

雲端管理 Wi-Fi 6 2×2 戶外無線基地台

產品概述

EnGenius Cloud 雲端管理 Wi-Fi 6 2×2 室外型無線基地台 ECW260 採用雙頻並行 802.11ax 架構，並向下相容 802.11ac/a/b/g/n 用戶端裝置，最高可提供 1,200 Mbps (5 GHz) 及 574 Mbps (2.4 GHz) 的高速無線傳輸速率。IP67 等級防水防塵機殼可承受嚴苛環境挑戰，支援 Mesh 無線網狀網路，可簡化部署並具備自我修復能力。透過 EnGenius Cloud App，可隨時隨地遠端管理無限數量的無線基地台。



功能介紹

- 雙頻並行 802.11ax，並向下相容 802.11ac/a/b/g/n 用戶端裝置
- 最高支援 1,200 Mbps (5 GHz) 及 574 Mbps (2.4 GHz) 高速無線傳輸
- IP67 等級防水防塵機殼，適用於嚴苛環境
- 2.5 GigE PoE+ 相容連接埠，方便於電源插座不足的環境進行部署
- 4 支 (2×2) 可拆式 5 dBi 高增益全向 SMA 型天線
- 支援快速掃描註冊與設備設定，以及遠端監控與故障排除
- 透過 EnGenius Cloud App，隨時隨地集中管理無限數量的無線基地台
- 支援 Mesh 無線網狀網路，可簡化部署、最佳化訊號覆蓋並具備自我修復能力

技術規格

基本規格

支援標準

IEEE 802.11ax on 2.4 GHz
IEEE 802.11ax on 5 GHz
Backward compatible with 802.11a/b/g/n/ac
IEEE 802.3 u/ab

天線規格

2 x 2.4 GHz: 5 dBi(External Omni-Directional)
2 x 5 GHz: 5 dBi(External Omni-Directional)

實體介面

1 x 2.5GE Port (PoE+)

LED 指示燈

1 x Power
1 x LAN
1 x 2.4 GHz
1 x 5 GHz

電源供應

Power-over-Ethernet: 802.3af/at Input
Active Ethernet (PoE)

最大功耗

15.9W

無線與射頻規格

操作頻段

Dual-Radio Concurrent 2.4 GHz & 5 GHz

運作模式

Managed mode: AP, AP Mesh, Mesh

RF 規格

2.4 GHz: 2400 MHz ~ 2483 MHz
5 GHz: 5150 MHz ~ 5250 MHz, 5250 MHz ~ 5350 MHz, 5470 MHz ~ 5725 MHz,
5725 MHz ~ 5875 MHz

發射功率

Up to 23 dBm on 2.4 GHz
Up to 25 dBm on 5 GHz
(Maximum power is limited by regulatory domain)

空間串流數

2 x 2:2

SU-MIMO 支援能力

Two(2) spatial streams SU-MIMO for 2.4GHz and two(2) spatial streams SU-MIMO for 5GHz up to totally 1,774Mbps wireless data rate to a single 11ax wireless client device under the both 2.4GHz and 5GHz radio.

MU-MIMO 支援能力

Two(2) spatial streams multi-user (MU)-MIMO for up to 1201 Mbps wire-less data rate to transmit to one(1) two streams MU-MIMO 11ax capable wireless client devices under 5GHz simultaneously.
Two(2) spatial streams multi-user (MU)-MIMO for up to 574 Mbps wireless data rate to transmit to one(1) two streams MU-MIMO 11ax capable wireless client devices under 2.4GHz

MU-MIMO 支援能力 (cont.)

simultaneously.

支援傳輸速率

802.11ax:
2.4 GHz: 9 to 574 (MCS0 to MCS11, NSS = 1 to 2)
5 GHz: 18 to 1200 (MCS0 to MCS11, NSS = 1 to 2)
802.11b: 1, 2, 5.5, 11
802.11a/g: 6, 9, 12, 18, 36, 48, 54
802.11n: 6.5 to 300 (MCS0 to MCS15)
802.11ac: 6.5 to 867 (MCS0 to MCS9, NSS = 1 to 2)

支援無線技術

802.11ax: Orthogonal Frequency Division Multiple Access(OFDMA)
802.11a/g/n/ac: Orthogonal Frequency Division Multiple (OFDM)
802.11b: Direct-sequence spread-spectrum (DSSS)

頻道頻寬

802.11ax supports high efficiency throughput (HE) —HE 20/40/80 MHz
802.11ac supports very high throughput (VHT) —VHT 20/40/80 MHz
802.11n supports high throughput (HT) —HT 20/40 MHz
802.11n supports high throughput under the 2.4GHz radio —HT40 MHz (256-QAM)
802.11n/ac/ax packet aggregation: A-MPDU, A-SPDU

支援調變方式

802.11ax: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM
802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM
802.11a/g/n: BPSK, QPSK, 16-QAM, 64-QAM
802.11b: BPSK, QPSK, CCK

DFS 認證

CE/Japan

最大同時連線用戶數

512 Per radio

用戶端負載平衡

Yes

自動頻道選擇

Yes

管理功能

多重 BSSID

8 SSIDs on both 2.4GHz and 5GHz bands

VLAN 標籤

Supports 802.1q SSID-to-VLAN Tagging
Cross-Band VLAN Pass-Through
Management VLAN

生成樹協定 (STP)

Supports 802.1d Spanning Tree Protocol

服務品質 (QoS)

Compliance With IEEE 802.11e Standard
WMM

技術規格

簡易網路管理協定 (SNMP)

v1, v2c, v3

MIB

I/II, Private MIB

快速漫遊

802.11r/k

無線安全機制

WPA2-PSK

WPA2-Enterprise

WPA3-PSK

WPA3-Enterprise

Hide SSID in Beacons

Wireless STA (Client) Connected List

Client Isolation

Client Access Control

管理介面

IPv4, IPv6

本機 Web 管理存取

Supports HTTP or HTTPS

環境與硬體規格

操作溫度範圍

Operating: -4°~140°F/-20°C~60°C

Storage: -40°F~176°F/-40°C~80°C

操作濕度 (非冷凝)

Operating: 90% or less

Storage: 90% or less

IP 防護等級 (僅限戶外機型)

IP67

突波保護 (僅限戶外機型)

1KV

ESD 靜電防護 (僅限戶外機型)

Contact: 4KV Air: 8 K

尺寸與重量

重量

720 g

尺寸

Width: 124 mm

Length: 190 mm

Height: 52.5 mm

內容物

1 – ECW260 Cloud Managed Outdoor Access Point

2 – Pole-Mounting Brackets

1 – Wall-Mount Screw Set

2 – 2.4GHz 5dBi SMA Antennas

2 – 5GHz 5dBi SMA Antennas

1 – Product Card

法規認證

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FCC

CE

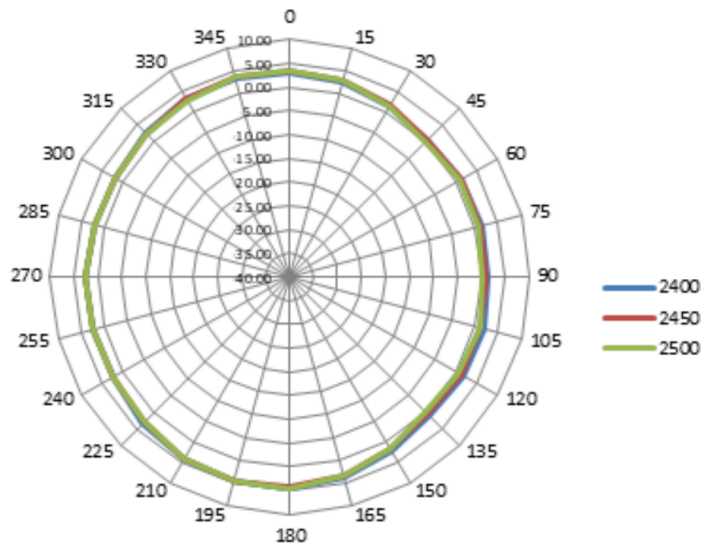
IC

VCCI

天線輻射場型

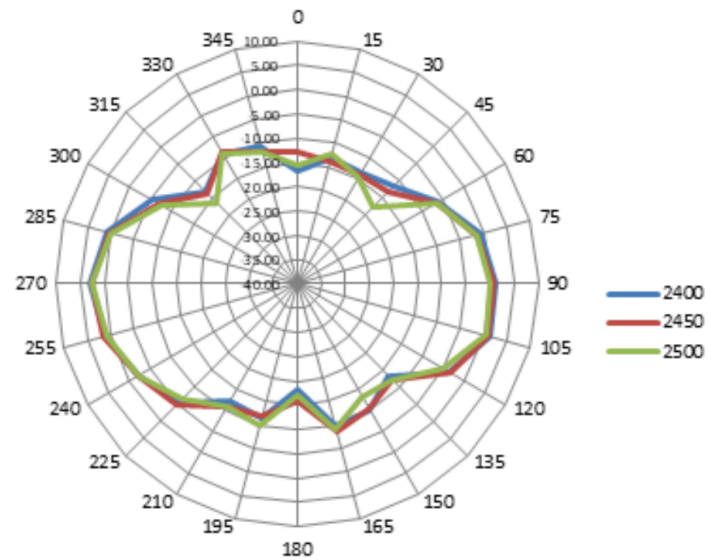
2.4GHz

H-Plane



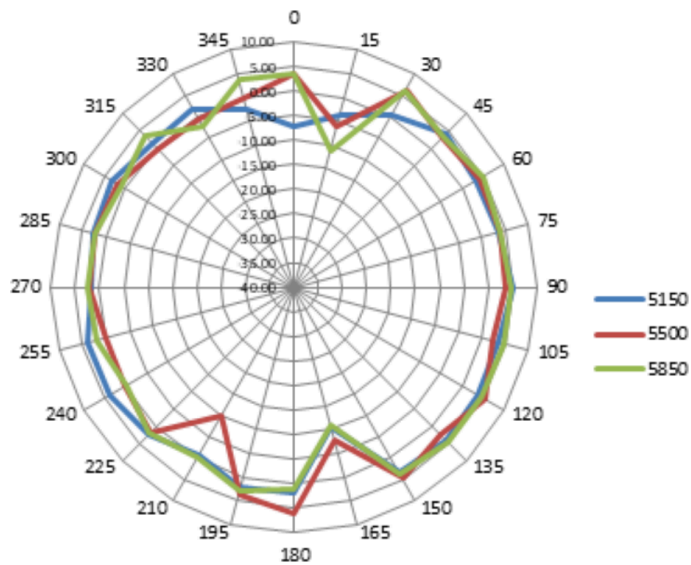
2.4GHz

E-Plane



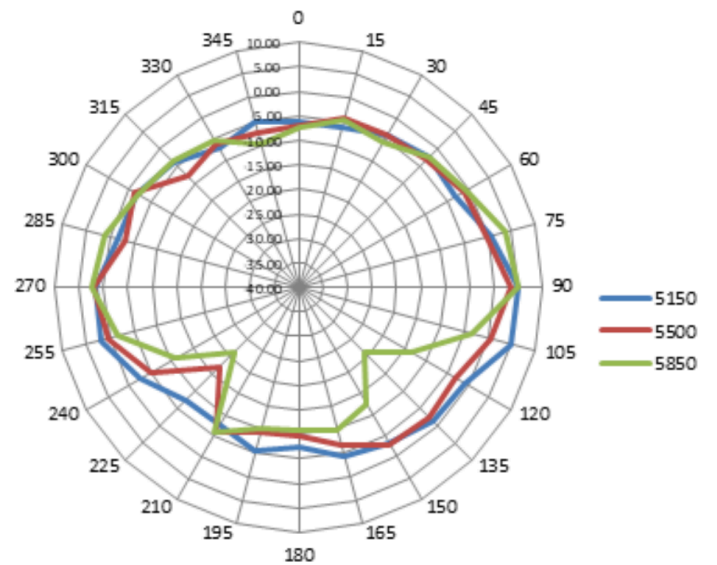
5GHz

H-Plane

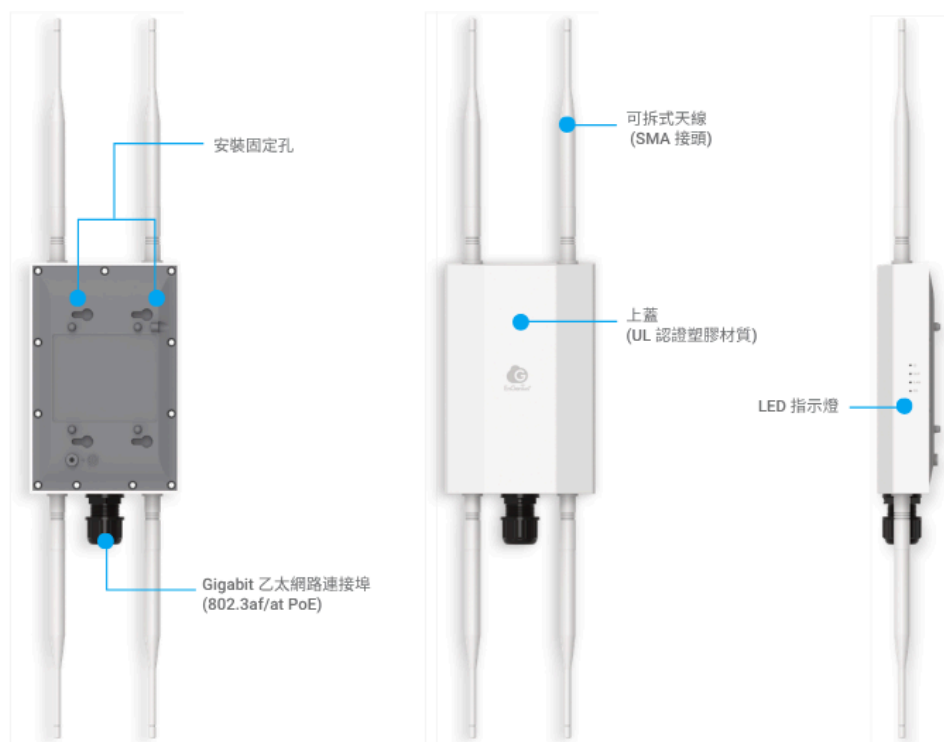


5GHz

E-Plane



產品外觀



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