

AptBee 二氧化碳與溫溼度無線感測裝置



使用無線通訊技術，可大幅減少施工與佈建所需的時間與成本；並且可安裝多個感測裝置同時分別量測安裝地點的二氧化碳濃度與溫濕度。使用者僅需利用網頁瀏覽器或行動裝置 App 連線至雲端系統即可從遠端觀察量測結果，不須親自到各個感測裝置的安裝現場查看量測結果。

在商場、廠房、醫院、倉庫或地下停車場等空間內安裝此裝置與系統，可偵測空氣品質以保障安裝環境中的人員安全。

特徵

- 體積小，耗電量低
- 可量測二氧化碳(CO₂)濃度、溫度與濕度
- 採用高精確度感測元件
- 使用無線通訊安裝與佈署容易

應用

- 室內空氣品質監測

說明

此裝置可量測二氧化碳濃度、溫度與濕度，使用高精確且可自我校正的感測元件；並透過無線射頻信號將量測結果傳送至 AptBee 物聯網閘道器儲存與處理，透過閘道器也可將資料轉送至雲端系統。

規格

型號	RT_CO2_1405
感測元件規格	二氧化碳: 400 ~ 10,000ppm 溫度: -50 ~ 120 °C 濕度: 0 ~ 100% 相對溼度
感測精確度	二氧化碳: ± 5% 溫度: ± 1 °C 濕度: ± 3%
通訊能力	2.4GHz 射頻信號 內藏式天線 無遮蔽通訊距離 100m
感測元件有效期間	15 年
建議操作環境溫度	-20 to 50°C
建議操作環境濕度	15 to 95% 相對溼度
建議保存環境溫度	0 to +20°C
供應電源	5VDC, 250mA
消耗功率	1.25W (最大值)
尺寸 (mm)	76(長) 76 (寬) 9(高)

註：此裝置須配合使用 AptBee 物聯網閘道器。

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