EnSense
ENVIRONMENTAL SENSING EXPERT

AI 智慧物聯網 × ESG 綠色營建

SMART SITE ENVIRONMENTAL MONITORING

智慧工地環境監測解決方案

落實 ESG 永續營造與友善施工環境。廣域科技結合自主環境感測與物聯網技術，實現空氣品質、噪音全時合規監測、智能平台與現場資訊看板即時預警聯動，打造高標準綠色智慧工地。

SAQ-210plus_SLM



- IP 耐候工業機殼

一站式合規監控，省心、精準、高成本效益

因應營造法規與稽查標準，SAQ-210plus_SLM 整合多重感測模組，免除傳統多機並裝的繁瑣布線與高昂建置成本。結合智慧雲端管理平台，異常數據即時通報，兼顧施工進度與社區友好，實踐 ESG 綠色施工承諾，共創永續友善工區。

- ✓多重超標即時智能預警
- ✓通過環境部第三方認證
- ✓ 戶外全天候精準防護
- ✓支援多元供電方案

應用領域：公共工程標案、大型建案工地、重劃區工程、土石堆置場、廠區環保監測

多參數精準感測

同步偵測大氣 PM2.5、溫濕度，內建高精度噪音計模組；自動推算綜合熱指數，協助工務所落實熱危害安全防護。

即時超標預警與智能聯動

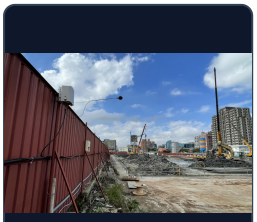
即時掌握空品與噪音變化，智能聯動監測平台預警機制，搭配Discord即時通報，第一時間化解超標風險。

工業級耐候與多元供電

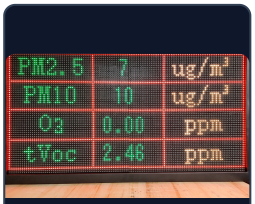
IP 防雨防塵機殼設計，無懼戶外風吹雨淋。支援一般市電供電，亦可無縫選配太陽能綠電系統，滿足偏遠或未通電工地。

法規合規與資安雙認證

符合台灣環境部空品監測技術規範與環保稽查要求，全機通過FCC、CE電氣安規檢驗與物聯網資安檢測，驗收提報無疑慮。



現地實裝



LED 即時看板

一站式模組化彈性選配

- 現場 LED 即時看板
- 風速風向計
- 太陽能儲能供電
- 擴充特殊氣體模組 (CO/VOC/NO_2)
- 4G/5G 雲端傳輸

權威測試與合規標章

- 環境部認可
- CE 認證
- FCC 認證
- 物聯網資安認證

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歡迎洽詢規劃與工程報價

提供完整產品與現場安裝諮詢

EnSense
ENVIRONMENTAL SENSING EXPERT

AIoT Integration × Smart Construction

SMART SITE ENVIRONMENTAL MONITORING SOLUTION

Construction Environmental Monitoring Solution

Empowering ESG sustainable construction and friendly job sites. EnSense integrates proprietary sensing hardware and IoT technology to provide 24/7 compliant air quality and noise monitoring, linked with smart cloud platforms and on-site live displays for instant early warning—building high-standard green smart sites.

SAQ-210plus_SLM



IP-Rated Weatherproof

All-in-One Compliance, High Reliability & Cost-Efficiency

Designed specifically for harsh civil engineering sites, SAQ-210plus_SLM replaces cumbersome multi-device setups with an integrated architecture. Real-time threshold alerts balance construction progress with community harmony, fulfilling ESG green construction commitments and building sustainable, friendly job sites.

- ✓ Intelligent Multi-Threshold Alerts
- ✓ Taiwan MOENV Approved
- ✓ Flexible Grid / Solar Power
- ✓ 24/7 Outdoor Continuous Ops

Key Applications: Public Works, Commercial Buildings, Land Development, Industrial Zones

Multi-Parameter Precision

Simultaneous detection of PM2.5, ambient temp/humidity, and calibrated Sound Level Meter (SLM). Computes continuous heat index for site worker safety.

Real-Time Alerts & Smart Triggers

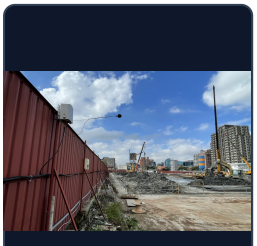
Customizable air quality and noise thresholds with instant Discord alerts; supports smart triggers for on-site warning lights to mitigate exceedance risks proactively.

Ruggedized Outdoor Design

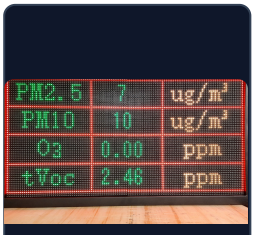
Engineered with an IP-rated rainproof enclosure. Operates on standard AC power or modular solar energy packages for unpowered or remote sites.

Regulatory & Security Certified

Formally recognized by Taiwan EPA/MOENV for construction monitoring compliance. Certified for CE, FCC, and strict IoT cybersecurity standards.



On-Site Setup



LED Live Display

Modular Accessories & Expansion

- On-Site LED Billboard
- Wind Speed & Direction Sensor
- Solar Power Battery Kit
- Extended Gas Modules (CO/VOC)
- 4G/5G Cloud Gateway

Compliance & Authorizations

- Taiwan MOENV
- CE Certified
- FCC Certified
- IoT CyberSec

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Contact Us for Consultation
Comprehensive product & on-site installation consultation