



# FAB IoT 最佳解決方案

## The Optimal IoT Solution for FAB Environments

系統搭載分散式資料擷取轉換器，可透過 Ethernet、RS232/422/485 以及 ADC 類比輸入，擷取各類現場數據。內建即時處理功能，能將資料轉換成標準通訊格式，並上傳至後端平台或 SCADA 系統，讓資料整合更高效，監控管理更便利。  
The system adopts a Distributed Data Acquisition Converter that collects field data via Ethernet, RS232/422/485 interfaces, and analog-to-digital converters (ADC). With real-time data processing capabilities, the system converts the acquired data into standardized communication formats and uploads it to a backend platform or SCADA system for efficient integration and monitoring.



### 觸控人機 Intuitive Touch HMI

4吋直覺式觸摸操作，不需藉助額外設備，快捷便利設定 / 瀏覽 / 故障排除一步到位。  
4-inch capacitive touchscreen enables intuitive operation without the need for external devices. Fast and convenient setup, monitoring, and troubleshooting—all at your fingertips.



### 智能備援 Smart Redundancy

業界首創1對1 雙備援機制，拒絕等待模組停機換修。線上運行永不間斷  
Industry-first 1-to-1 dual redundancy mechanism ensures uninterrupted operation—no waiting for module replacements or shutdowns.



### 內建多樣設備驅動 Built-in Multi-Device Driver Support

已支援設備種類多達230+以上，不需設定隨插即用  
Over 230 device types supported out-of-the-box—true plug-and-play without complex setup.



### 多樣標準通訊介面 Versatile Standard Communication Interfaces

Ethernet, RS232/422/485, CAN bus, Wifi mesh, BT mesh, ADC



### 不斷電 Uninterruptible Power

內建 UPS，無懼外部供電異常，全年無休確保運行  
Built-in UPS protects against external power anomalies, ensuring 24/7 continuous operation throughout the year.



### 多元標準通訊協定 Versatile Standard Communication Protocols

SECS-II / HSMS, Modbus TCP / RTU / ASCII, MQTT, MS-SQL, MySQL, Web API, FTP



### 超節能 Ultra Energy Efficient

業界1級省電低碳排，運行僅 1.4 W，長時間運行環保省電省荷包  
Leading the industry in power savings—only 1.4 W power consumption. Low carbon footprint, eco-friendly, and cost-saving for long-term operation.



### 離線保存 Offline Data Retention

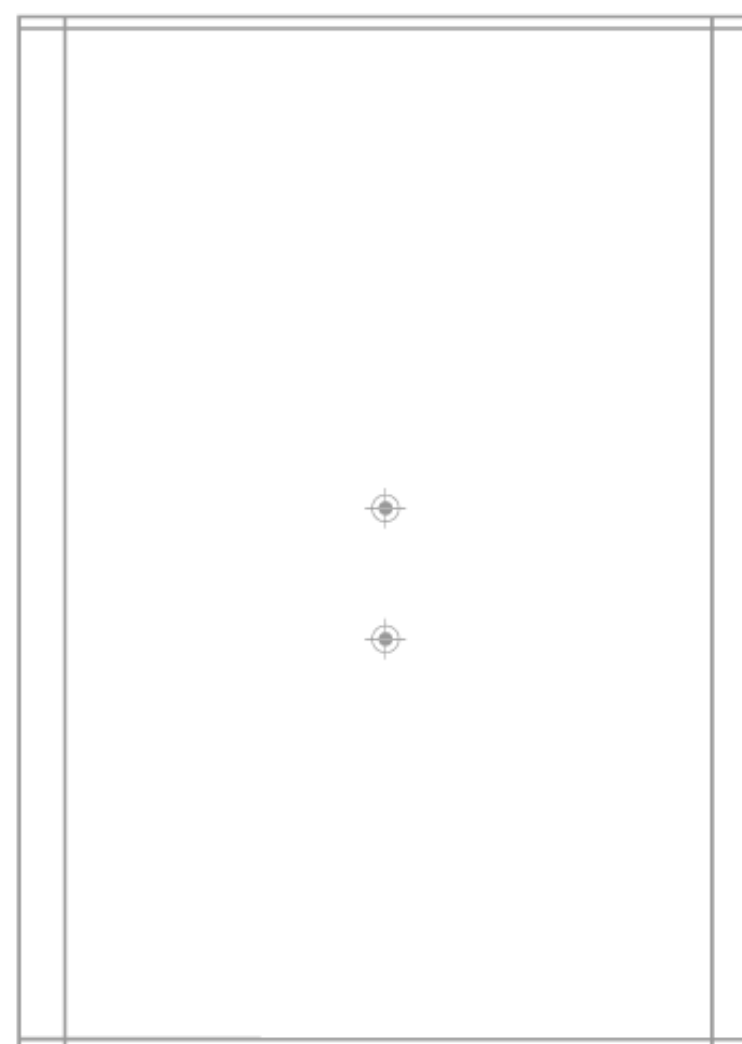
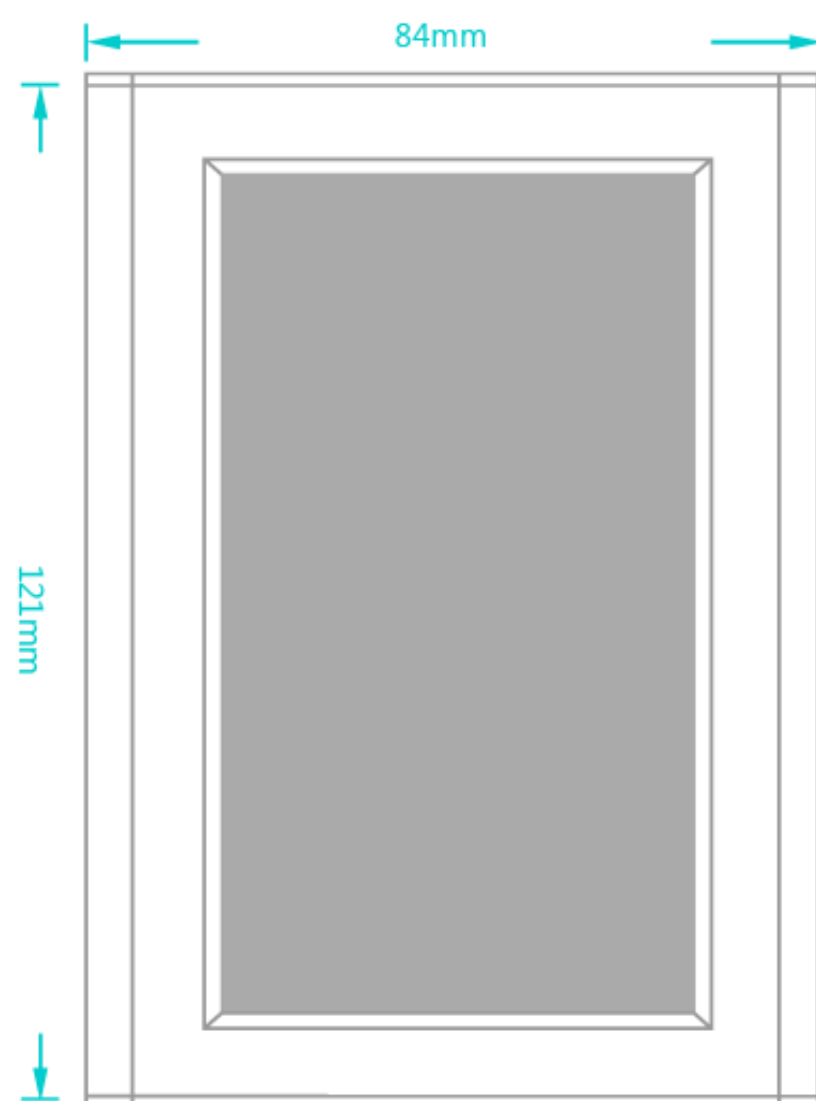
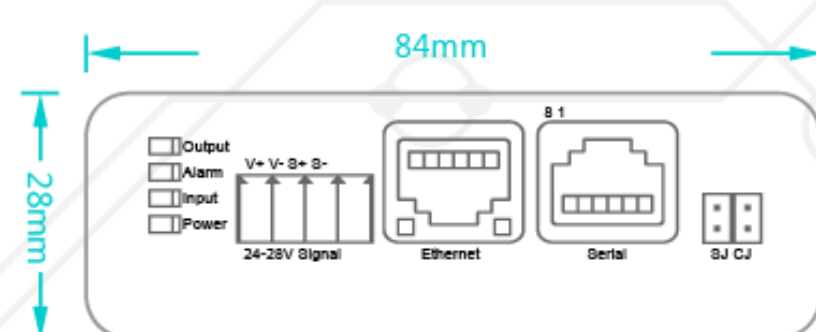
保存多達 30 天，確保數據絕不丟失  
Stores data for up to 30 days, ensuring no data loss even during network interruptions.



### 工業規範 Industrial Grade Compliance

工業規格設計製造，經 BSMI, CE 認證，外殼阻燃材質，無風扇式設計，不產生 particle，確保在嚴苛環境中長時間運行與安全  
Built to industrial standards with BSMI and CE certifications. Fanless design with flame-retardant housing ensures particle-free operation and long-term reliability in harsh environments

# 規格 Specification



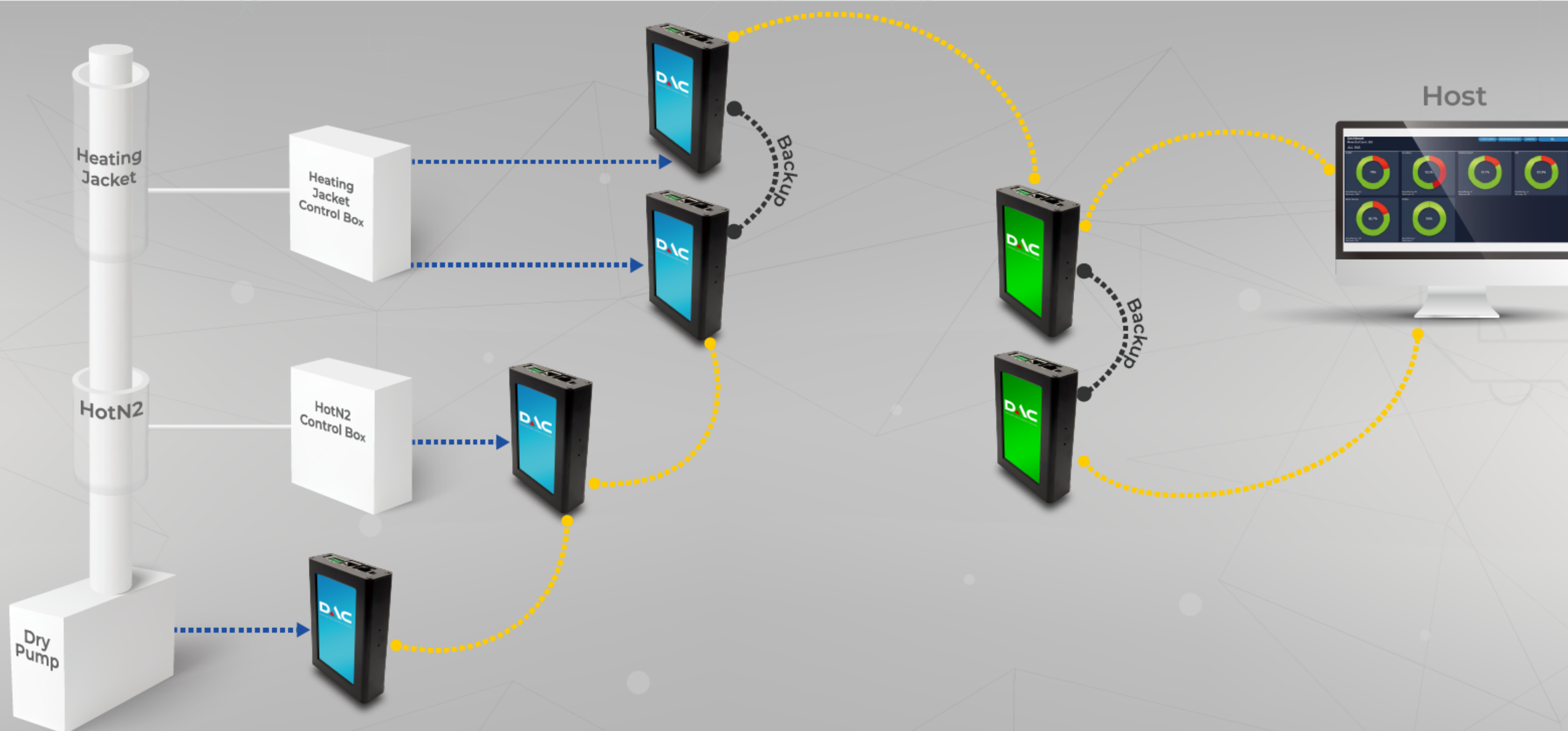
|                             |                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------|
| 產品名稱                        | 分散式資料擷取轉換器                                                                                  |
| Product Name                | Distributed Data Acquisition Converter                                                      |
| 型號 Model                    | DAC-Standard                                                                                |
| Dimension (mm)              | W84 H121 D28                                                                                |
| Weight (g)                  | 246                                                                                         |
| Input voltage (DC-V)        | 24 ~ 48                                                                                     |
| Operating (W)               | 2.14                                                                                        |
| Rated power (W)             | 3                                                                                           |
| UPS *                       | > 2 hour                                                                                    |
| Display                     | built-in                                                                                    |
| Data retention period (day) | 8                                                                                           |
| Power port                  | 2 Pin                                                                                       |
| Ethernet port               | RJ45                                                                                        |
| RS port                     | RJ45                                                                                        |
| ADC module *                | support                                                                                     |
| LAN mode                    | <= 40                                                                                       |
| Wireless mode               | <= 40                                                                                       |
| Mounting Accessories        | DIN rail / Aluminum rail Wall-mount bracket / Mounting ear Magnetic mount / Magnetic holder |
| Customized *                | support                                                                                     |
| Drivers *                   | > 230                                                                                       |
| Warranty (year)             | 1                                                                                           |
| Price (USD)                 | 200                                                                                         |

\* Options

## 單機模式 Single Mode



## 網路模式 Lan Mode



# 無線網路模式 Wireless Mode

