

LPWAN

即時無線環境溫濕度 監控解決方案



設備安裝簡單



低網路資費成本



終端/雲端同步儲存



即時監控溫濕度



Sigfox 定位

終端設備的數據可透過低功耗遠距物聯網通訊協議 **Sigfox** 以無線方式經由 **Sigfox** 基地台傳遞至雲端或網際網路，提供使用者長時間遠距離即時異常警示或監控服務。

ESMT



提供內建 **Sigfox** 網絡協議無線 SoC 同時，開發冷鏈冷藏適用無線溫濕度記錄器。

 **sigfox**

法國 **Sigfox** 公司提供開放性物聯網通訊協議並於超過 70 個國家架設基地台，擴建全球單一低功耗廣域網路。有傳輸速率低，傳輸距離遠，產品耗能低等優點特色，適用於物聯網終端設備。



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LPWAN

Real-Time wireless temperature humidity monitoring solution



EASY
to Deploy



Low
Subscription Fee



Storage data
at Edge/Cloud



Real-time
Monitoring



Sigfox
geolocation

Edge devices transmit data wirelessly by using “**Sigfox**” which is an ultra low power wide area network protocol for IoT applications to cloud platform or internet through **Sigfox** base stations .It offers event driven alerts and periodic monitoring service in long time period and long range.

ESMT



ESMT develops a temperature & humidity logger solution which includes a wireless SoC with **Sigfox** protocol embedded. It records and transmits data to cloud platform in real-time for abnormal alert and continuous monitoring.



Sigfox is a connectivity protocol developed by French company **Sigfox** who installed base station in over 70 countries and offer a single low power wide area network service globally.It comes to advantages such as long transmission range,low cost and low power consumption for IoT application.



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