

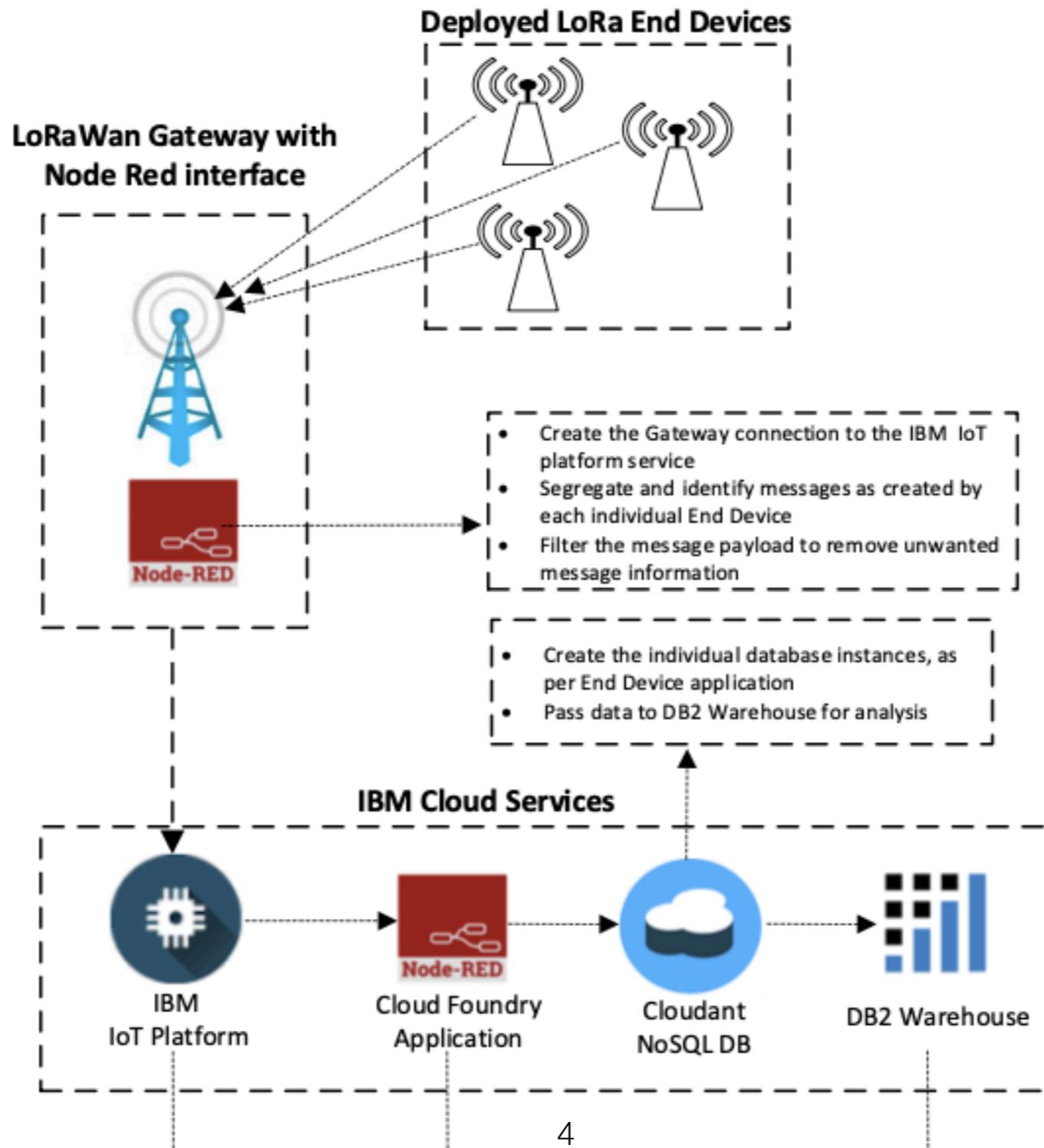
# 嵌入式系統設計

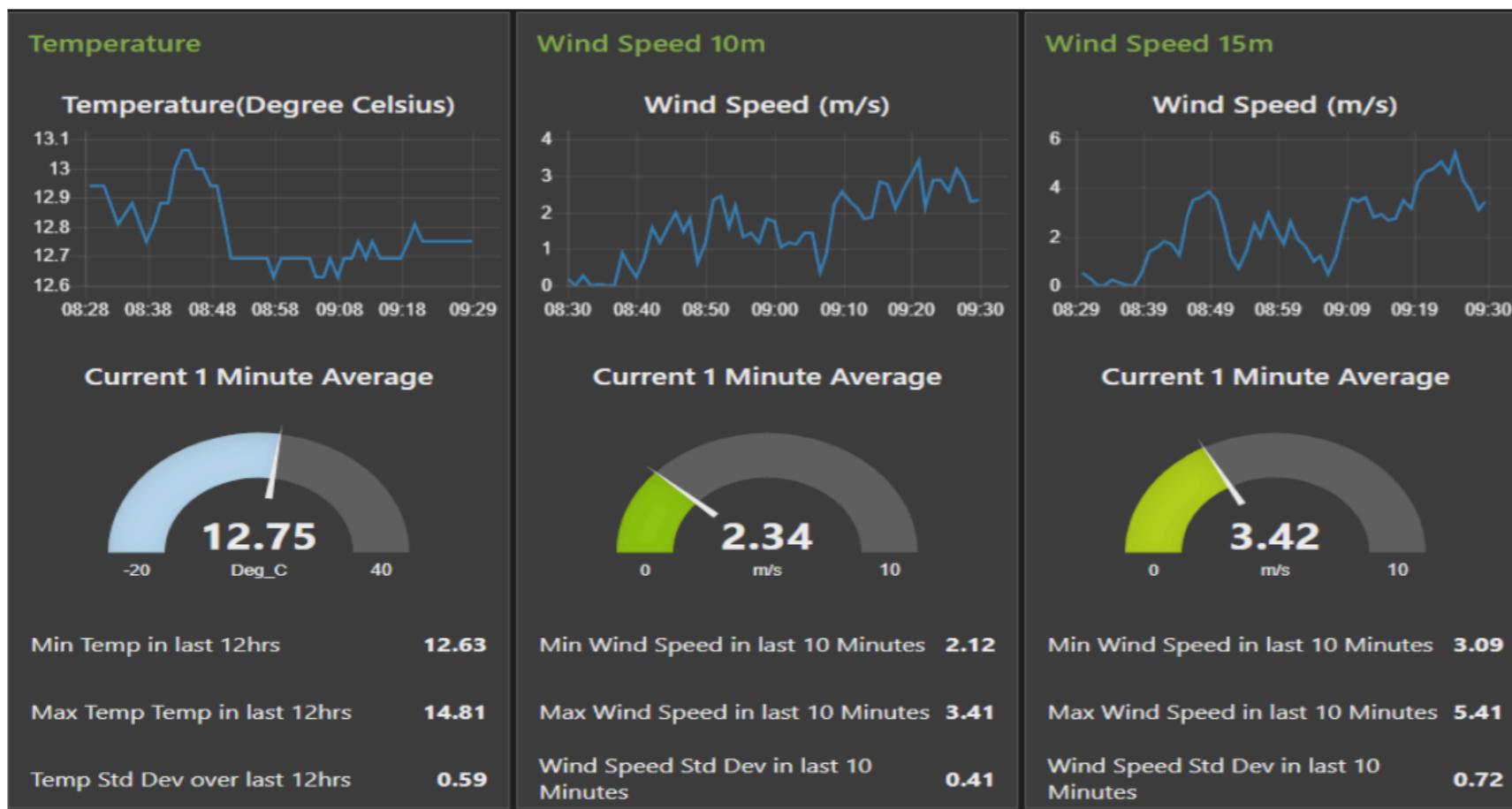
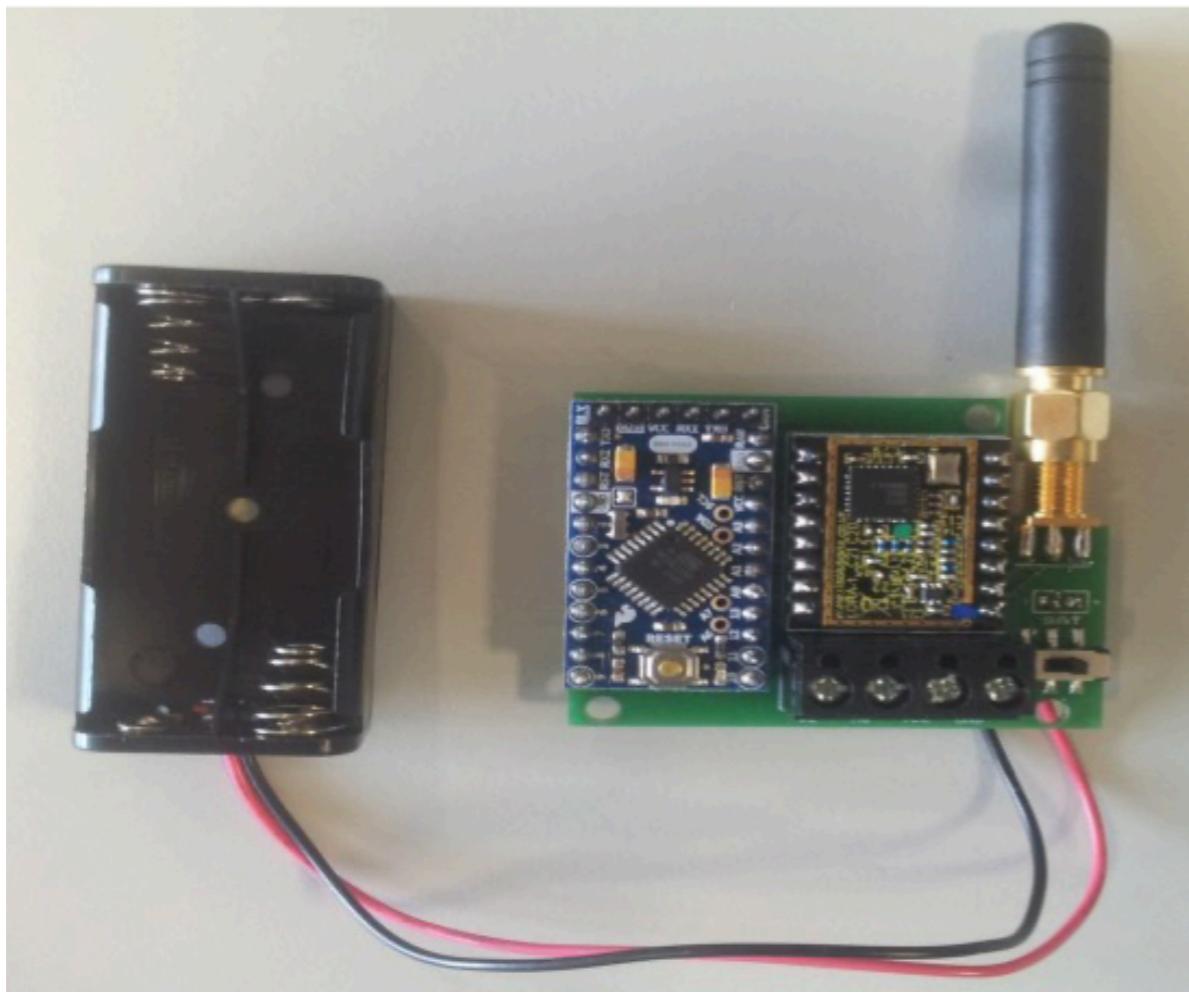
National United University  
Electronic Engineering  
Shawn Shih-Hsiung Lin

# Outline

- System Description
- Architecture
- Live Demo

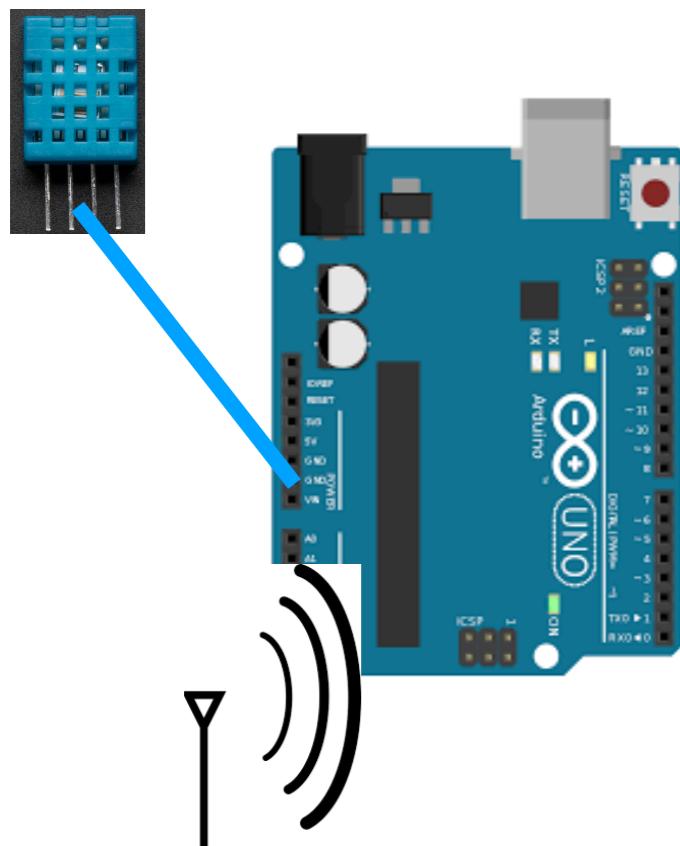
# The deployment of an IoT network infrastructure, as a localised regional service



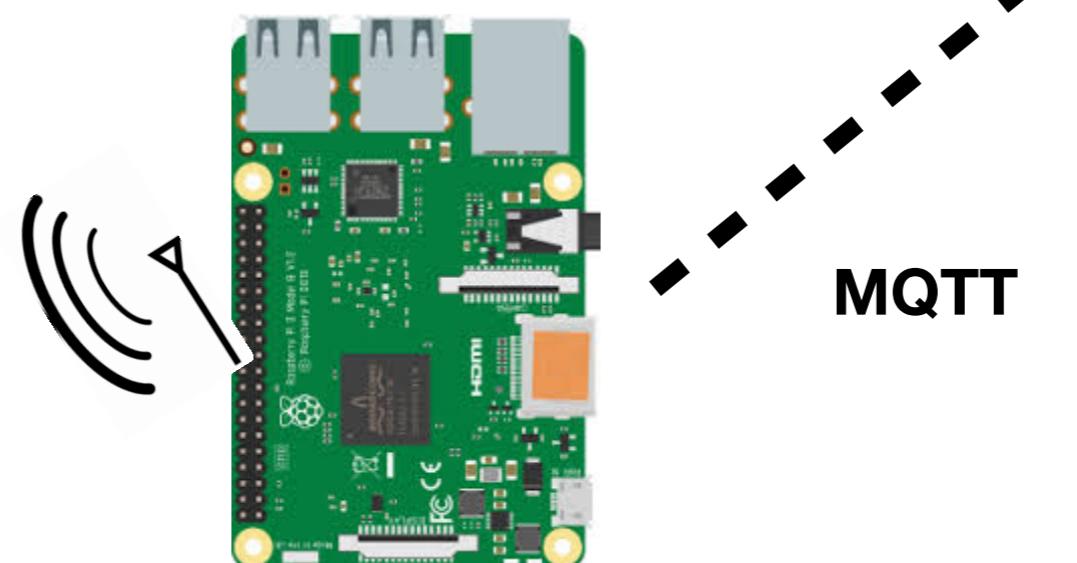


# Implement an environment monitoring system by using LoRa technical and IoT internet service platform.

DHT11



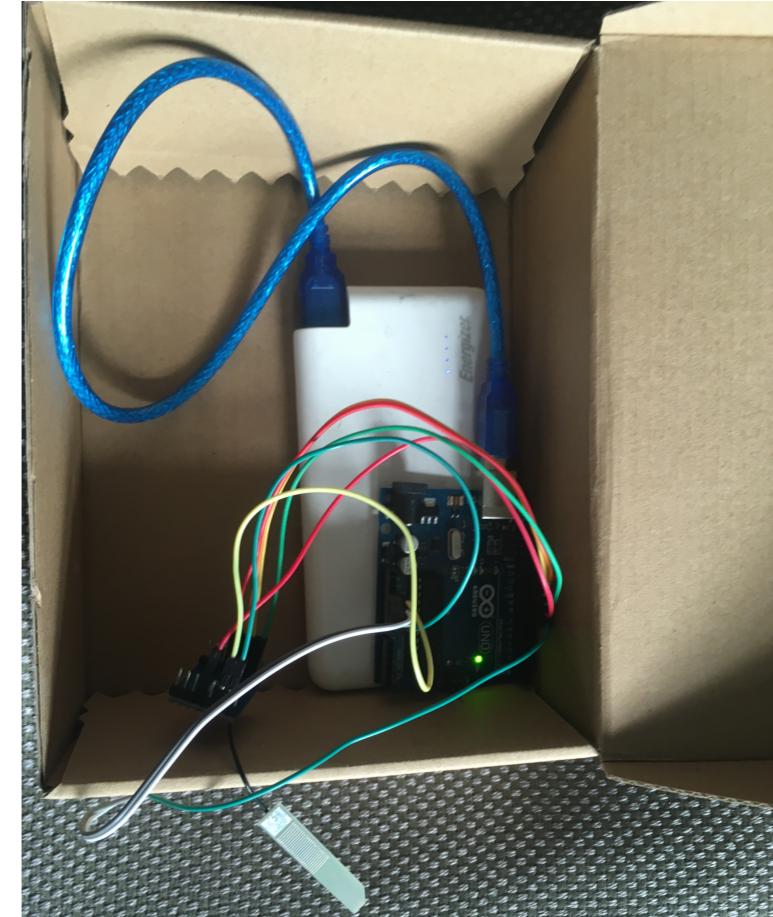
Cloud DB service and Data visualize



MQTT

# LoRa Module

- IC: Semtech SX1278
- SPI interface
- 2.5V ~ 3.7V
- 433MHz ~ 915MHz



# Code Release

- [https://github.com/shawnlintw/Lora\\_test\\_NUUEE](https://github.com/shawnlintw/Lora_test_NUUEE)

Lora\_test\_NUUEE is licensed under the  
GNU General Public License v3.0

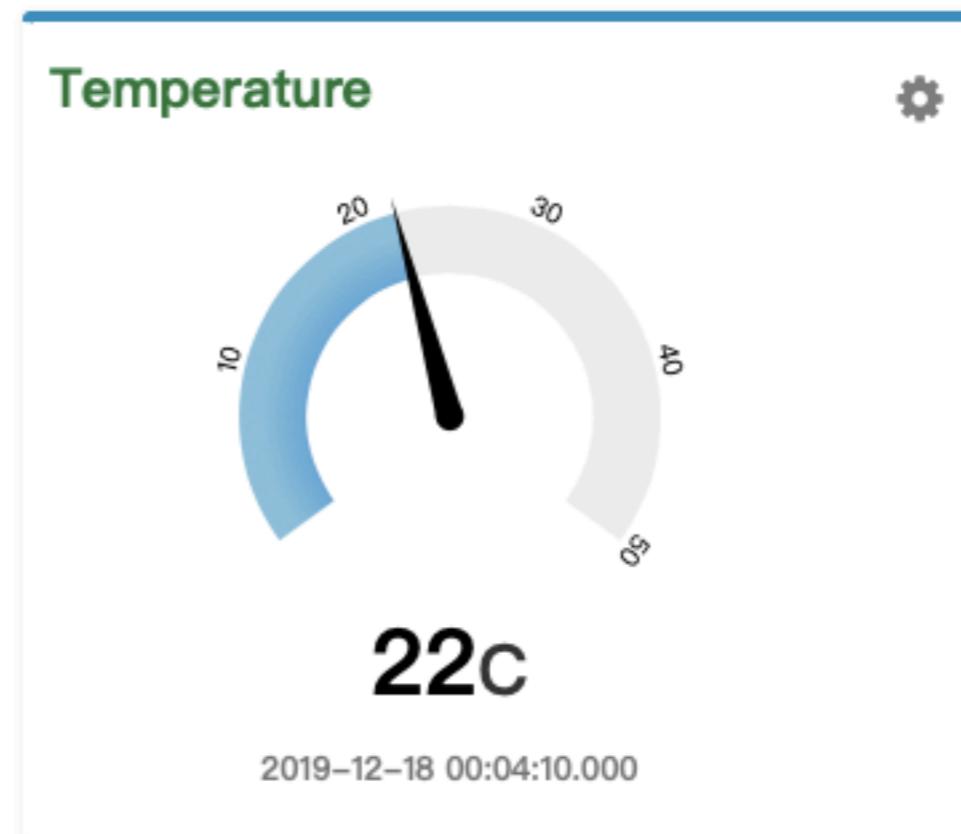
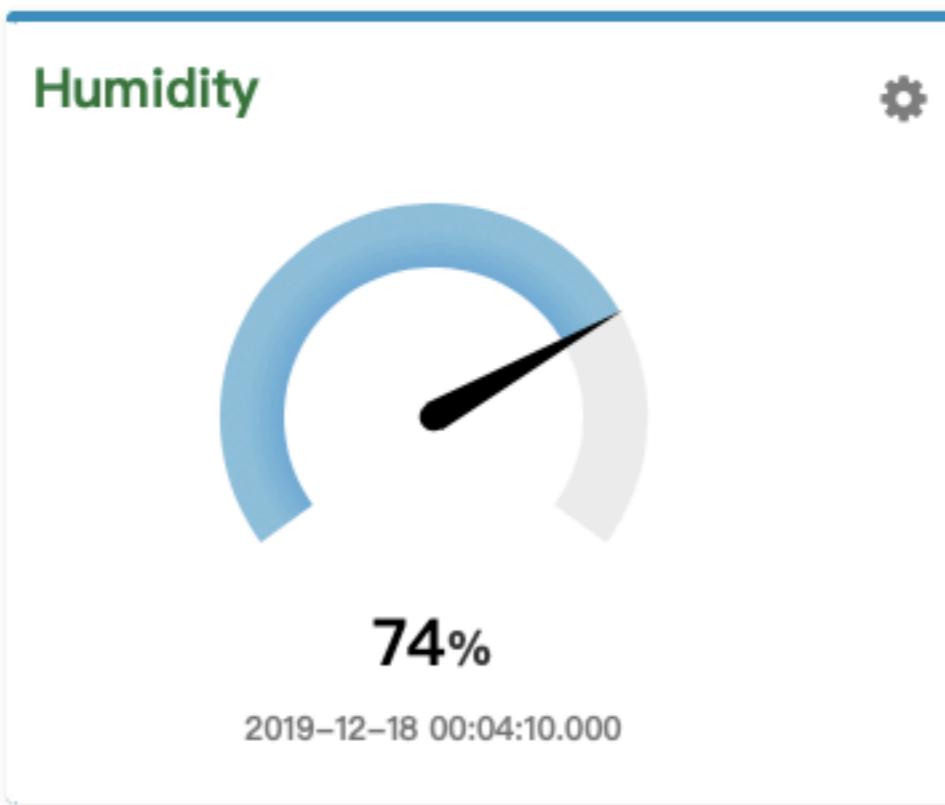
# Data Visualization



開發者中心 專案管理 應用服務 聯絡我們 繁體中文



“中華電信IoT大平台可提供整合型管理服務，讓您可在資安無虞的環境下連結及存取設備資料，並可結合行動物聯網管理、多項AI應用與大數據工具等增值功能，讓您輕鬆地於平台上開發物聯網應用服務。”



# Live Demo