

# Smart Water Meter

## 智慧水表

Utilizing the smart water meter reduces the time and manpower required for reading meter by manual labor, as well as keeps residents away from interference by manual meter reading. It does not only improve the service quality of water companies but also collect a variety of data to analyze for decision-making which helps with industrial development and strengthens water resource management effectively to accelerate the implementation of smart cities.

採用智慧水表可減少雇用人力抄錶，及人工抄表之資料核對匯整作業時間，也能保障用戶不受抄錶時間影響；不但可提升水公司服務品質、提供多項數據供用戶參考，同時能進行大數據分析，作為決策參考；並協助產業發展，強化水資源有效分配應用，加速落實智慧城市建置。



### Specification

### 規格

MCU	STM32H743VIH6	MCU	STM32H743VIH6
Wireless	NB-IoT B8, B28	無線通訊	NB-IoT B8, B28
LED	Flash light	LED	LED 補光燈
Camera	2M Camera	相機	200 萬像素
Operating Voltage	DC input 5V-8.4V	工作電壓	DC input 5V-8.4V
Internal Backup Battery Capacity	5 days up	內部備援電池時間	5 天以上
Ingress Protection	IP68, 1 meter 48 hours	防水等級	IP68, 1 米 48小時
Operating Temperature	-10°C ~55°C	工作溫度	-10°C ~55°C
Storage Temperature	-20°C ~65°C	儲存溫度	-20°C ~65°C
Operating Humidity	5% ~ 95% RH	工作濕度	5% ~ 95% RH
Adapter	N/A	電源適配器	N/A
Power Bank	86.4Wh	Power Bank	86.4Wh