

# 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.

采用智慧水表可减少雇用人力抄表,及人工抄表之资料核对汇整作业时间,也能保障用户不受抄表时间影响;不但可提升水公司服务品质、提供多项数据供用户参考,同时能进行大数据分析,作为决策参考;并协助产业发展,强化水资源有效分配应用,加速落实智慧城市建置。



### Specification

### 规格

| MCU                              | STM32H743VIH6          | MCU        | STM32H743VIH6    |
|----------------------------------|------------------------|------------|------------------|
| Wireless                         | NB-IoT B8, B28         | 无线通讯       | NB-IoT B8, B28   |
| LED                              | Flash light            | LED        | LED 补光灯          |
| Camera                           | 2M Camera              | 相机         | 200 万像素          |
| Operating Voltage                | DC input 5V-8.4V       | 工作电压       | DC input 5V-8.4V |
| Internal Backup Battery Capacity | 5 days up              | 内部备援电池时间   | 5 天以上            |
| Ingress Protection               | IP68, 1 meter 48 hours | 防水等级       | IP68, 1 米 48小时   |
| Operating Temperature            | -10°C ~55°C            | 工作温度       | -10°C ~55°C      |
| Storage Temperature              | -20°C ~65°C            | 储存温度       | -20°C ~65°C      |
| Operating Humidity               | 5% ~ 95% RH            | 工作湿度       | 5% ~ 95% RH      |
| Adapter                          | N/A                    | 电源适配器      | N/A              |
| Power Bank                       | 86.4Wh                 | Power Bank | 86.4Wh           |