

Smart Water Supply

New Smart RTU

Remote meter reading terminal

▲ Low-power wireless communication terminal

With NFC functions and Battery Management System (BMS)



▲ Main features

01

Minimize Data Loss

02

Optimize network connections

03

Verified performance

Smart RTU (release in 2024)

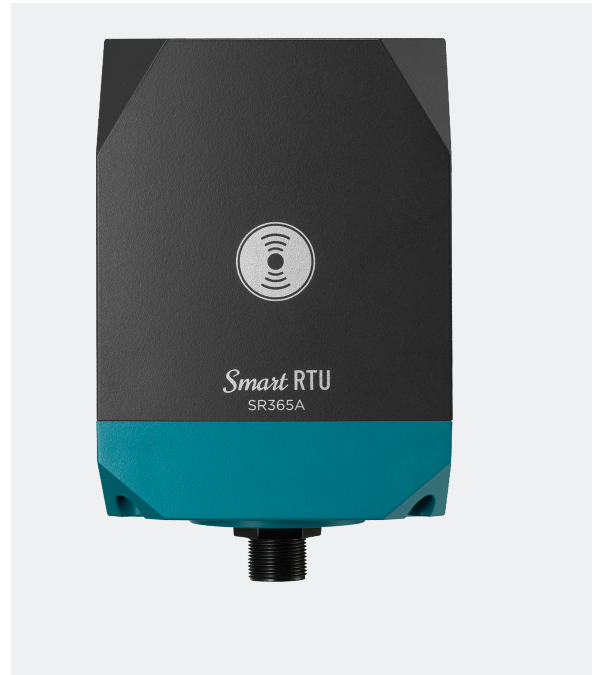
SR365A



This is a new IoT communication device equipped with NFC and BMS (Battery Management System), improving convenience and efficiency.

Features

- Compatible with other water meters
- Low-power design : lifespan of over 10 years
- NFC function
- Key functions : Self-recovery function, Data logging (max 1month), Distributed data transmission, Random transmission, Automatic adjustment of transmission interval
- Battery Management System (BMS): Monitoring battery status to predict service termination or early battery failure, measuring remaining battery capacity, and maximizing battery operating time with ultra-low power consumption.
- Certifications: Total of 14 performance certifications (KTR) / Certification for thermal shock/heat resistance/cold resistance/moisture resistance(KTC) / KC certification / Broadcasting equipment conformity certification



Specifications

Division	SR365A
Communication	NB-IoT . LoRaWAN
Antenna	Built-in
Interface	UART-TTL
MCU	Low-power 16bit MCU
Battery	Thionyl chloride lithium battery(3.6V)
Reading interval	1 hour(1~24hour changeable)
Communication interval	4 times/1day (1~24times changeable)
Operating temperature	-20°C ~ 60°C
Waterproof	IP67
Lifespan	Over 10 years
Size	110*73*55 (mm)
Weight	153g



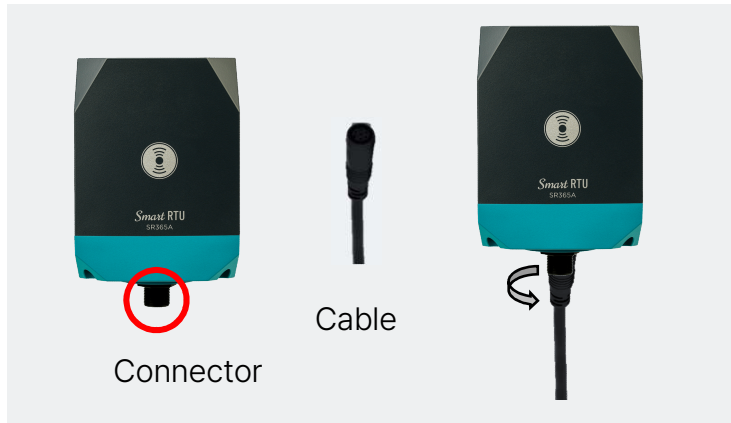
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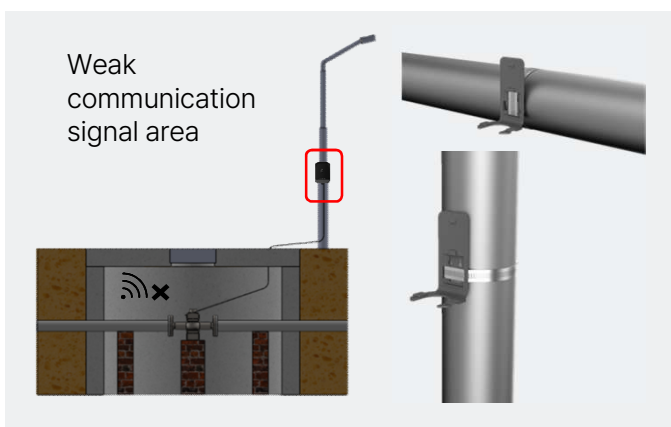
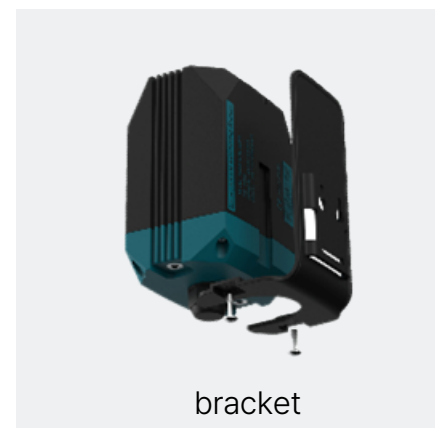
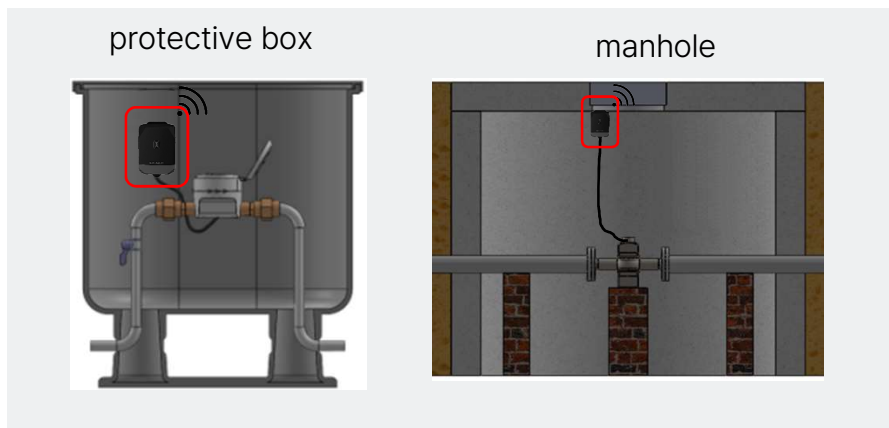


Installation

- Connect the smart RTU connector to the waterproof cable (initialize using a magnet)



- Installed by fixing the bracket with a piece to the wall inside a protective box or manhole.



- In areas with low communication sensitivity, it can be deployed by installing existing structures on the ground or separate structures.