

SONDAR

ISTEC

IoT Sensor Solution

# River Level Monitoring

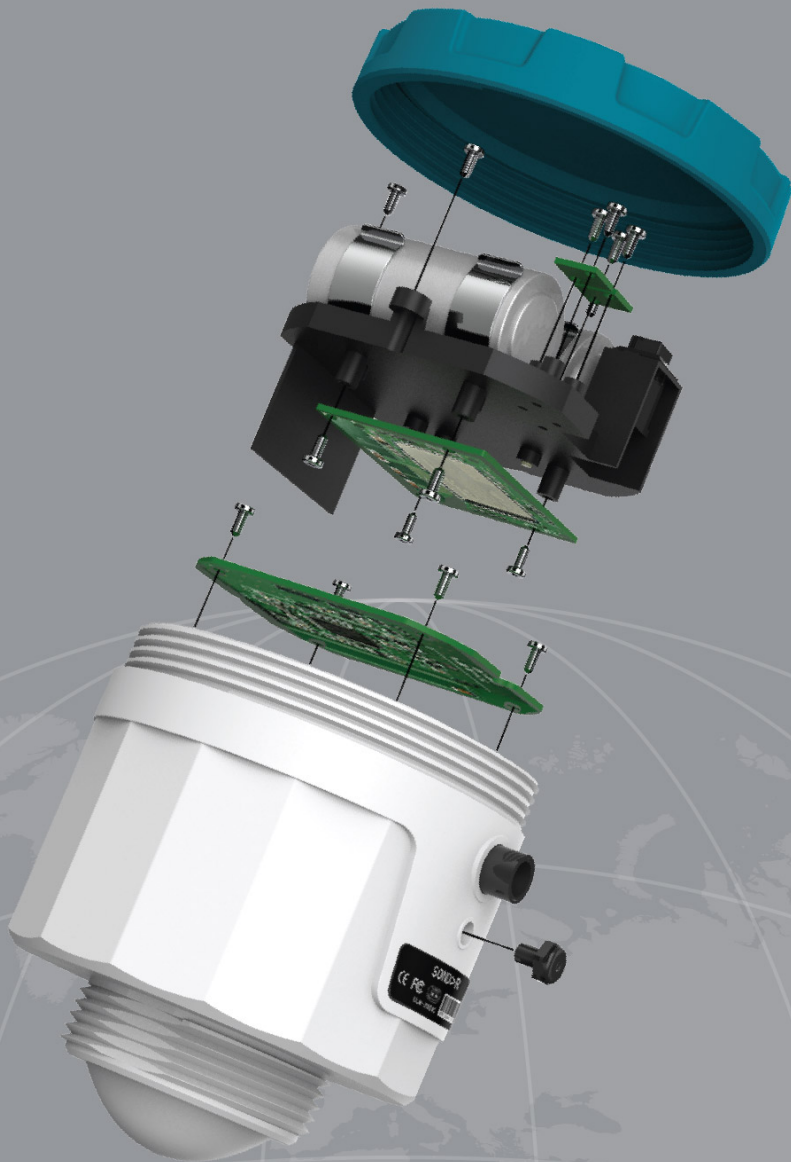


SINCE 1993

SONDAR Air

# Wireless IoT Level Meter

Sensor + battery + IoT communication



## Wireless IoT River Level Measurement

Wireless monitoring device, easy to install and maintain, adaptable to diverse environments, and specialized for flood warnings during heavy rainfall.



## Control panel River Level Measurement

Real-time river level monitoring device, equipped with various sensors (flow rate, water level, rainfall sensors, etc.) and camera.



## Main Products



Wireless IoT Radar Level Meter



Radar Level Sensor

Model	SA365RL	RL100
Measurement range	20m	15m
Dead zone	0.2m	0.2m
Beam angle	6°	10°
Frequency	60GHz	60GHz
Temperature	-30°C ~ 70°C	-30°C ~ 70°C
Sensor material	PVDF	PVDF
Power	Battery (built-in)	DC 20~30V
Communication	Cat M1	4-20mA, RS-485
Protection	IP68	IP68
Certification	KC, FCC, CE	KC, FCC, CE



Model	SNC100	SNC200	SNC300
Channel	1CH, 2CH	1CH, 2CH	Max. 3CH
Relay	3R, 6R	4R	-
Material	Polycarbonate	Polycarbonate	ABS / Steel
Temperature	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C
Input	RS-485	4wire (MODBUS) / 2wire(4-20mA)	4-20mA, RS-485
Output	4-20mA, RS-485	4-20mA (HART option)	RS-485
Protection	IP65	IP65	IP65
Power	AC or DC	AC or DC	AC or DC
Certification	KC, CE, FCC	KC, CE, FCC	KC

## Innovative Wireless IoT Level Meter

Reduce costs while increasing work efficiency

01

**Wireless system**

Simple construction

02

**Compact design**

Easy to install anywhere

03

**Cost-effectiveness**

More installations → high accuracy

## One-Stop service by Experts

ISTEC takes full responsibility for end-to-end management.



Installation



Maintenance



Communication Expense Payment



Firmware upgrade



Data service

## Data Service based on Cloud

Accurate and efficient data management at a reasonable price



Data Collection



Data Storage



Data processing



Data Sharing (API)

**SONDAR**  
SONDAR Air

**IS Technologies Co., Ltd.**

(21984) M-1602, 1603, Songdo IT Center, 32, Songdogwahak-ro, Yeonsu-gu, Incheon,  
Republic of Korea

H. [www.istec.co.kr](http://www.istec.co.kr) T. 032-850-2600 E. [wm\\_sales@istec.co.kr](mailto:wm_sales@istec.co.kr)