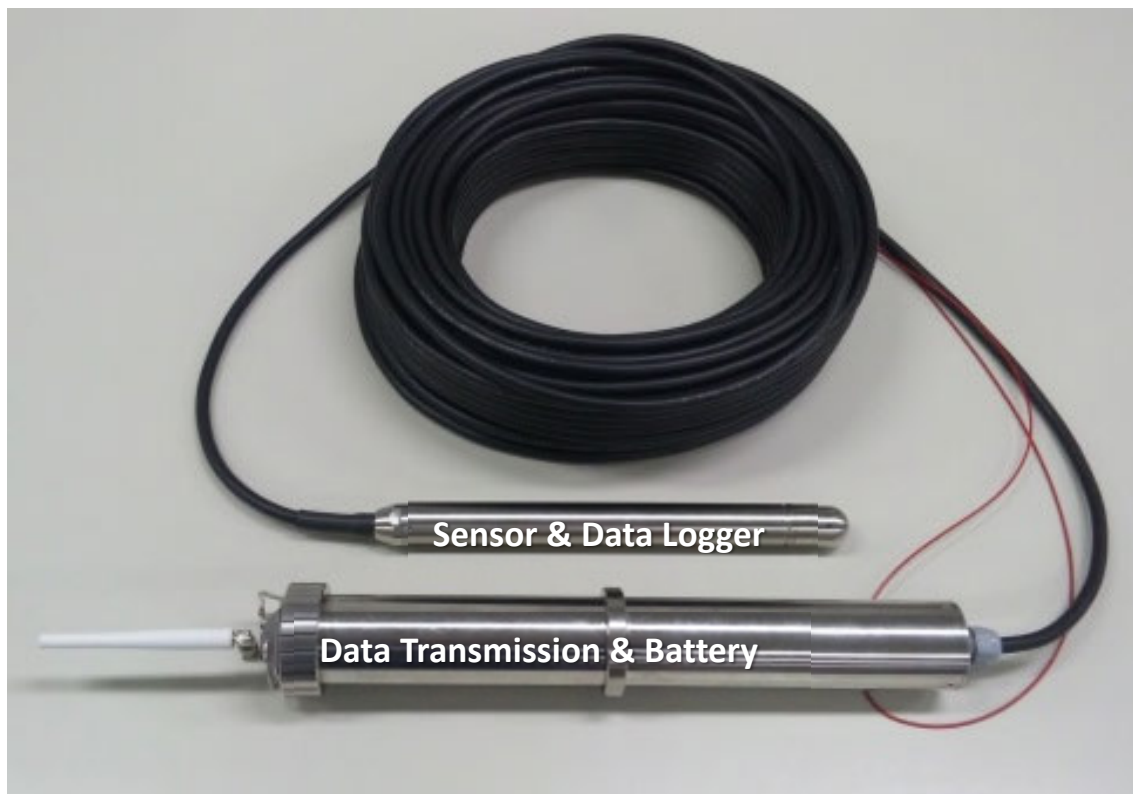


GSM/GPRS Remote Monitoring
for Water Level Measurement

Integral Water Level Meter



<Abstract>

Integral water level sensor is that battery, monitoring sensor, data logger and data transmission are integrated in 1 system.

GSM/GPRS mobile phone signal is used for the data transmission. It is necessary to prepare SIM card of a local carrier by customer.

Monitoring data is sent to a site/office designated by customer via i-SENSOR server (dedicated server computer is required).

<Features>

- Every function for remote monitoring is included into the compact sensor installed in the water and housing set on the top of monitoring well.
- Monitoring and data transmission interval can be set depending on customer needs.
- Remote setting via server computer can be easily done by user itself.
- It operates maximum 5 years (on every 1 hour monitoring and every 1 day transmission) with internal battery (7.2 V, 14 Ah).

<Specifications>

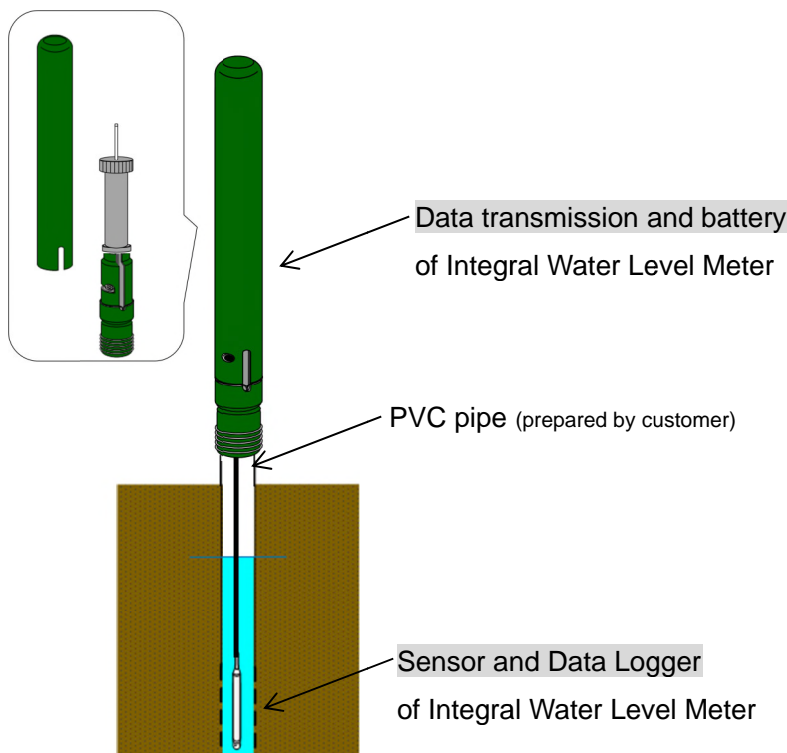
● Sensor

Measurement range	: 10, 20, 35 m
Measurement accuracy	: ± 0.1 % FS
Measurement resolution	: 1 mm
Measurement temp. range	: -10 to +50 degree C
Measurement temp. accuracy	: ± 1 degree C
Measurement temp. resolution	: 0.1 degree C
Measurement rates	: 1 minute to 10 days
Memory capacity	: Approx. 50,000 data
Material	: SUS-316
Size	: $\phi 25 \times L290$ mm

● Battery and data transmission

Transmission interval	: 5 minutes to 10 days
Communication function	: GSM/GPRS max. 21.4 kbps
Operation power source	: DC 6 V to 8 V
Power source	: Lithium battery (2ER34615M, 7.2V14Ah) \times 1
Operation temperature range	: -30 to +50 degree C (without freeze)
Material	: SUS-316
Size	: $\phi 48 \times L355$ mm

[Installation Image]



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Please note specifications are subject to change without notice for the improvement.

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