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Takahata Precision Co., Ltd.

An innovative communication device for water meters with built-in indication unit freshly developed by Takahata Precision Co., Ltd.

Takahata Precision Co., Ltd. (President: Yasuo Yamamoto) has recently developed an attachable communication device for water meters with built-in indication unit.

Simply attaching the device to the current mainstream dry-type water meter, it will turn it into a smart water meter with built-in communication device, no matter if it is a new meter or a repaired meter.

The main features include:

- 1) The device allows to change a mainstream dry-type meter into a water smart meter with a built-in communication device.
- 2) The existing upper and lower cases can be used as they are, so it can be used with the device can be applied to both – the new and the repaired meters.
- 3) The communication method uses Wi-SUN (Enhanced HAN), which is expected to be compatible with future IoT routes.
- 4) On Route B, LTE communication is also possible by going through the gateway unit developed by Nissin Systems Co., Ltd.

Simultaneously, a simple cloud and viewing software that can visualize water usage have also been developed. The usage environment is being prepared for the trial.

Takahata Precision Co., Ltd. is also working on a communication device that connects to a normal electronic water meter via a wired connection and uses the same communication method.



Takahata Precision Co., Ltd.

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Established: 1929

Business: Manufacturing and sales of precision functional parts for automobiles, office automation equipment, measuring instruments, housing equipment, etc.

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