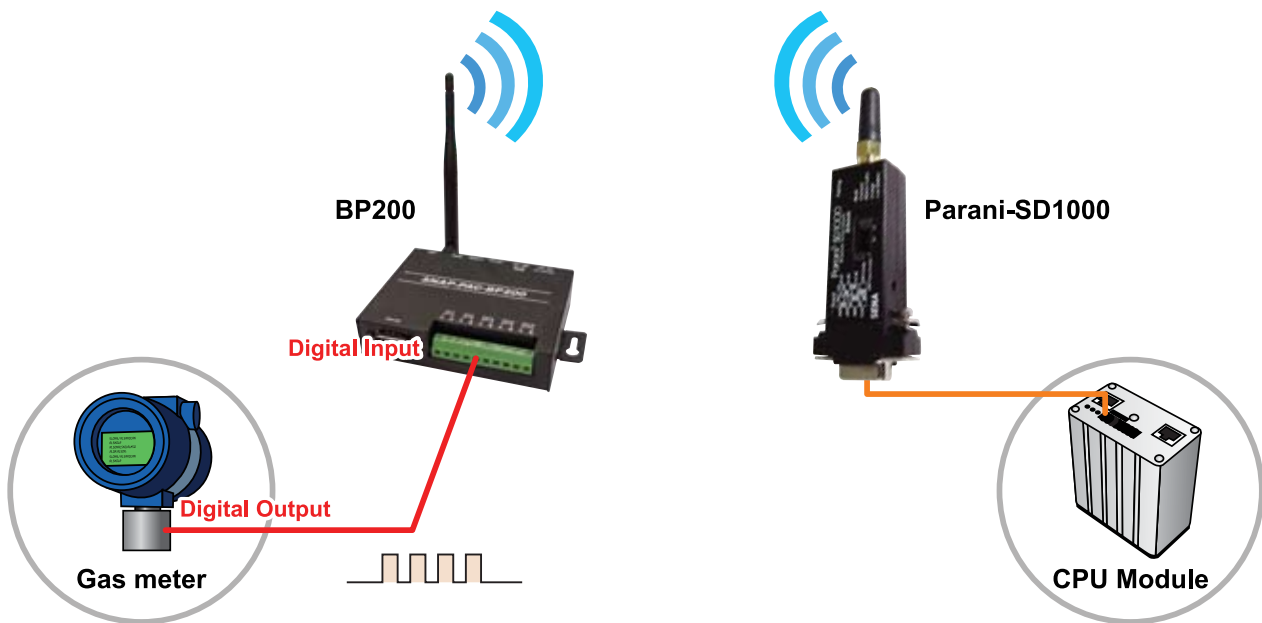


# Case Study | Digital Input/output Control Using Bluetooth

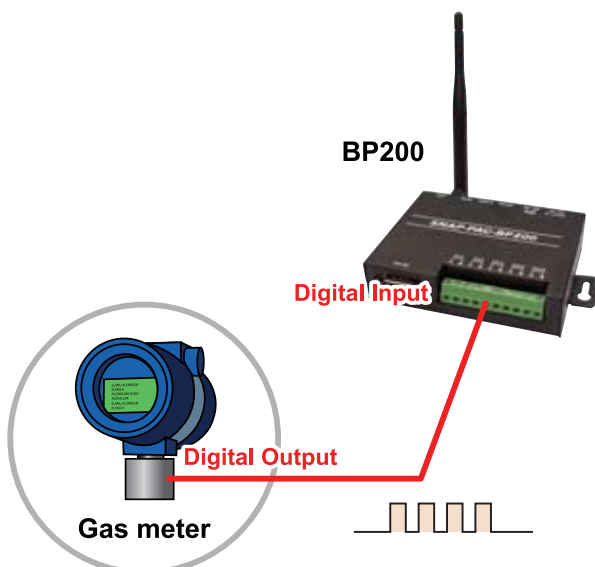


## Description

The Parani-BP200 is a customized SENA product to interface with digital I/O. BP200 has the combined features of Rhio232 and Parani-SD. BP200 can convert digital I/O signal to Bluetooth and vice versa. This example shows how digital signal from gas meter is converted to Bluetooth, and how gas meter is controlled remotely.

## How it works

The digital signal is sent from gas meter to BP200.



**+** Product : BP200

- Count pulse signals (digital input) of gas meter and send accumulated counter over Bluetooth
- Monitor digital input status and send alert message when the status is changed
- Configuration using AT commands



⊕ **Product : Parani-SD1000**

- Bluetooth-serial adapter to replace RS232 serial cable
- Working distance (In an open field): Nom. 100m, up to 1000m using patch antenna
- Enhanced portability: standard & extended battery pack options
- No external drivers required