Appendix_7

FZ760_Device Name Transmission Details

Version 0.1.0

Data 2009-06-10

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1. Device Name

Device Name is a seven byte device ID that can be set up by users.

The Device Name set by users can be transmitted to the target device.

The Device Name is sent instead of KEY data or ADC/COUNT data.

Unique IDs can be sent and received between devices by using the device's IEEE Address or the Device Name.

2. Settings for the Device Name Transmission

2-1. Device Name Setting
Users can set up a seven byte Device Name in the AT-Command Setup Mode.
The length of the Device Name is limited to seven bytes.

2-2. ID Option Setting
Users have to set the ID Option to 1 (Enable) in the AT-Command Setup Mode.

2-3. Other Setting
The Device Name is sent instead of KEY data or ADC/COUNT data of the device. Therefore, the device has to be set to enable KEY data transmission or ADC/COUNT data transmission.

※ The Device Name is sent instead of KEY data or ADC/COUNT data. If the GPIO Option is set to 2 or 3 to send GPIO data instead of KEY data or ADC/COUNT data, the Device Name cannot be sent.
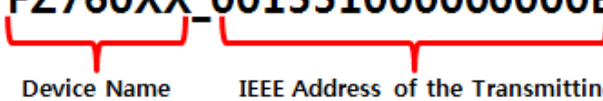
3. Device Name Transmission

KEY data is input to the device or the ADC/COUNT data transmission function is set to Enable, the Device Name is sent to the target device set by the user.

3-1. Receiving of Device Name by the Target Device

The Device Name that is output by the target device that received the data is as follows.

Received Device Name : FZ760XX_001551000000000B₩r₩n

Device Name   IEEE Address of the Transmitting Device

< Received and output Device Name (Default setting) >

This shows the Device Name of the transmitting device is "FZ760XX (default setting)".
The IEEE Address of the transmitting device is "001551000000000B".

If the Device Name of the transmitting device is set to "1234567", the Device Name output by the target device is as below.

Received Device Name : 1234567_001551000000000B₩r₩n

Device Name   IEEE Address of the Transmitting Device

< Received and output Device Name (User setting) >

This shows the Device Name of the transmitting device is "1234567(user setting)".
The IEEE Address of the transmitting device is "001551000000000B".