

Operational Description of the equipment

1. Product Setup –DI 、AI 、T&H 、K-TYPE

- **Step1**

Link Coordinator on Computer

- **Step2**

1. T&H : Hold The Function Key to Switch on The Power till Green LED “ON” . And Press The Function Key Again Until The Blue LED Light and Green LED Off , Get Into The Setup Mode.
2. DI 、AI 、K-TYPE : Plug DC Power then Red and Green LED Will Flash In The Same time Within 5 Sec And Hold The Function Key to Switch on The Power till Green LED “ON” . And Press The Function Key Again Until The Blue LED Light and Green LED Off , Get Into The Setup Mode.

2. Setup System

- **Software:**

- (1) Coordinator Setup : NuSens Engineering tool (RF Parameter and Network Parameter Setup)
- (2)DI 、AI 、T&H 、K-TYPE Setup : NuSens Engineering tool

- **Tool or Interface:**

- (1) Coordinator USB: Through USB
- (2) DI 、AI 、T&H 、K-TYPE : Through RF with Coordinator

- **Backend Software :**

- (1) NuSens Server (UDP, UART)
- (2) Another Software (Modbus TCP)

Product	Digital Input Wireless transmitter
Model No.	DIR-100
Power Supply	DC7V~DC15V , 0.12A
Frequency Band	2402-2472 MHz
Number of Channel	71
Channel Spacing	1 MHz
Rated RF Output Power	1 dBm
Modulation Type	GFSK
Bit Rate of Transmission	250Kp/s
Mode of Operation	half duplex
Antenna Gain	2 dBi
Operating Temperature Range	-40 ~ 75 °C
Channel Bandwidth	1 MHz
Antenna Type	Reverse SAM Antenna
Duty Cycle	10 %
Carrier Frequency	2402-2472 MHz