

# IoT Open Sensor

## OSLI-01 Guide Document

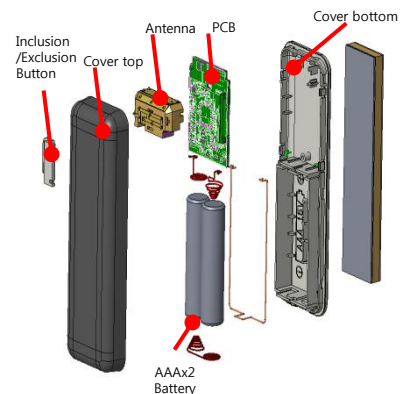
IoT@home

Product Character

### Product Character

- Product can be accessed by Smart Phone in everywhere and checking current status through smart phone.
- Window & door's status can be checked in real time.
- Open sensor will alarm to user through Smart phone, when someone invade.
- Before running out of battery, it can be checked by Smart phone.

Product Name



LGU+

Product Setting Method

### Open Sensor Inclusion

1. Press & hold inclusion/Exclusion button during 5 seconds when Open Sensor is exclusion status. Press for 5 seconds, LED is turn on.
2. Press for 5 seconds, LED is turn on.
3. Open sensor will try inclusion for 30 seconds when button is released.

### Open Sensor Exclusion

1. Receiver will stay exclusion waiting mode.
2. Press & hold inclusion/Exclusion button during 5 seconds when Open Sensor is exclusion status. Press for 5 seconds, LED is turn on.
3. Press for 5 seconds, LED is turn on.
4. Open sensor will try exclusion when button is released.
5. If exclusion is successful, LED will blink 3 times with 250ms interval.

### Open Sensor Factory Reset

1. Press & hold inclusion/Exclusion button during 10 seconds.
2. LED will blink while holding the button.
3. Factory reset will be done in 10 seconds after releasing button and blink 5 times with 100ms interval.

※ Please use factory reset only when the network primary controller is missing or otherwise inoperable.

Others

### Z-Wave Configuration

1. Parameter Number : 0x01
  2. Default : 0x18
  3. Reserved : 0
  4. Size : 1 Byte
  5. Configuration value : 0x01 ~ 0xFF
- ※ Parameter Description  
(Wake Up period x Configuration value= Battery report Period)

- Open sensor can be registered in Z-wave network with other product which have certification of Z-wave. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.
- Grouping identifier : Association Group support only 1. The maximum number of node supports up to 5. This Product's Association Group are used by Life Line of Products.
- Basic Command Class is not supported for this Device Type (RSS).
- Supported Notification Command Class  
Notification Type : Access Control (0x06)  
Event : Door is open (0x16), Door is closed (0x17)

Product Specification

### Specification

Size	96 x 32 x 15.5mm
Power	AAA x 2ea
Battery Lift Time	Over 1 year
Operation Tolerance	0°C ~ 50°C
Storage Tolerance	-10°C ~ 70°C
Storage Humidity	Max. 90%
Communication method	Z-Wave
Data Rate	100 kbps
Modulation	GFSK
Frequency	920.9MHz, 921.7MHz, 923.1MHz
Channel	-10°C ~ 70°C
Transmit Power	Max. 90%

Warranty Card

### Warranty Card

Name	Open Sensor
Model name	OSLI-01
Purchase Date	20 . . .
Warranty Period	1 years form purchase date
Manufacturer	LG Innotek

- This device is manufactured with quality control.
- The warranty period is calculated from the date of purchase.
- We can guarantee 1 year free of charge A/S only in case of manufacturing defect.
- This warranty is only valid in the Republic of Korea and does not re-issued.