Features

- The HDL-HSIU05.1 multi-function sensor include ultrasonic, PIR, temperature, LUX and dry contact input
- The sensor have 5 logic function blocks with logical relation AND/OR, Each with ten output objects.
- Master & Slave for many sensor to control one channel light
- The sensor can report movement status, temperature, Lux or dry contacts status to KNX system.
- The recommend install on the wall, the height about 1.2 to 1.8m
- Support many controls type: Switch control, Absolute dimming control, Shutter control, Alarm control, Percentage control , Sequence control, Scene control, String(14bytes) control, Threshold controller, Logic combination control.
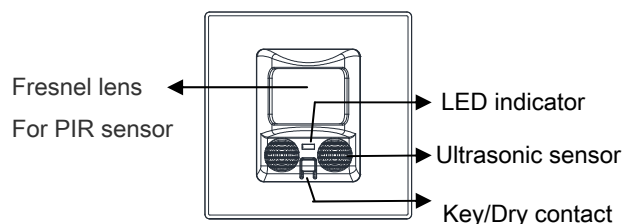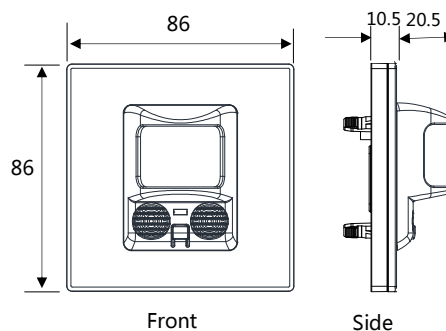
Installation Steps

- **Special Programming** – This device is designed for professional KNX installation .It can only be programmed by ETS software.
- Don't apply KNX DC power to another Load
- Connect KNX TP1 bus cables. Ensure correct cable type and lengths.
- **Mounting Location** – indoor
- **Bus Voltage** - The input of voltage must be between 21-30VDC

Product Specifications

- **Working Voltage** (Power Consumption):21-30VDC
- **Dynamic Current**:<15mA
- **Communication :** KNX/EIB
- **Compliance**: CE, KNX
- **KNX Terminals:** KNX Bus Terminal – Wago 252 (Red /Black) 0.6 – 0.8mm Diameter Single Core
- **Dimensions**: H86mm x W86mm x D 61mm
- **Housing Material**: Nylon
- **Working Temperature** : -5℃~45℃
- **Working Relative Humidity** : 10%~98%
- **Storage Temperature** : -40℃~55℃
- **Storage Relative Humidity** : 10%~98%
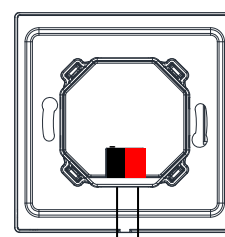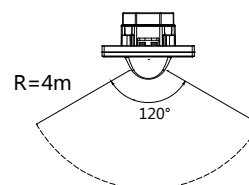- **IP class**: IP20

Types

M/HSIU05.1

Front   Side

Fresnel lens For PIR sensor

LED indicator

Ultrasonic sensor

Key/Dry contact

LED indicator : Green for Ultrasonic or PIR Red for Programming.

Key/Dry contact: trig logic condition ,keep pressing for 2s, entre into programming mode.

KNX/EIB

R=4m
120°

PIR sense scope

⚠️ **WARNING**   *Safety Attention*

- Do not make wrong connection on Bus interface, it will damage the Bus interface this module
- Do not get AC240V voltage into KNX/EIB Bus wire and IR port, it will damage all of devices in system
- Assure a good ventilation circumstances
- Rain, liquid, and aggressive gas are not allowed to close to it