

Multifunctional mobile sensor

User Manual

KTE2MLS-W2



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Safety instructions

- Before installation, please read user manual carefully and observe relevant standards, directives, regulations and instructions.
- Electrical equipment must be installed and programmed by qualified technicians only.
- This device is manufactured according to the relevant technical specifications and have CE.
- For more information of this product, please contact the technical engineer of manufacturer.
- Users are not permitted to alter and maintain the product without the authorization of manufacturer.
- Failure to observe the instructions may cause damage to the device and result in fire or other hazards.

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Product Features

- Powered by the KNX bus.
- Allows setting of delay time and brightness threshold.
- Enables or disables the human body sensing function.
- Enables or disables the constant illuminance function.
- Equipped with an illuminance detection function.
- Features master - slave control functionality.
- Comes with a constant illuminance control function.
- Can activate the constant illuminance control function through human body sensing.
- Human body sensing can trigger different types of KNX data.
- The constant illuminance function can trigger various types of KNX data.
- Has a maximum detection distance of up to 8 meters.
- Can be programmed and debugged using ETS3/4/5.

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Programming instructions

1. Select the corresponding product database and import it into ETS3/4/5;
2. Add the device to the project created by ETS3/4/5;
3. Press the device programming button and download the physical address through ETS3/4/5. After the download is completed, the red LED indicator light will turn off
4. Open the device database, associate its parameter settings with corresponding group objects, and then download the application;
5. After replacing the physical address of the device, repeat step 3;
6. Modify parameter settings or re associate: After grouping objects, repeat step 4 to achieve new functionality.

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Product Overview

The multifunctional sensor KTE2MLS - W2 has functions of human body sensing, illuminance detection, and constant illuminance control. It is an automatic control product based on infrared technology and is installed using the method of mounting it on an 86 - type wall junction box. It allows adjustment of the trigger delay time, brightness threshold, and constant illuminance brightness value, and is suitable for corridors, stairwells, beside beds, changing rooms, etc.

The day/night function can be achieved by setting the brightness threshold. Meanwhile, the constant illuminance function can be turned on/off according to human body sensing to keep the brightness in the controlled area constant.

The KTE2MLS - W2 has a "master/slave mode function", which enables multiple sensors to control the same device simultaneously. The master sensor can send control commands to the controlled circuit, and the slave sensors send information about whether they sense human movement to the master sensor. This avoids the situation where multiple sensors send control commands to the controlled device simultaneously, which could lead to control chaos.

Installation instructions

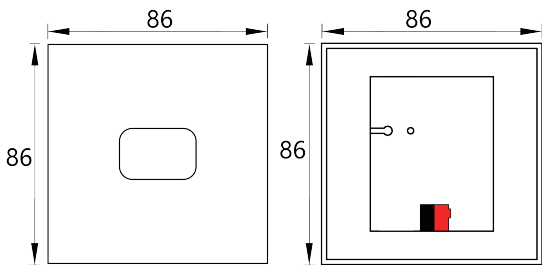
1. Fix the mounting iron plate of the sensor in the 86-type junction box.
2. After connecting the KNX bus terminal to the sensor, simply snap the sensor into the mounting iron plate.

Product parameters

Parameters	Types	KTE2MLS-W2
<b>Power</b>		
Power Supply		KNX Power, 21V~30V DC
Transmission Media		KNX TP
Power Consumption		≤10 mA
<b>Product Info</b>		
Dimensions		86mm×86mm
Installation method		Wall-mounted 86-type junction box
Type of protection		IP20
Operation		0°C~70°C
Storage		-25°C ~70°C
Programming mode		S-mode

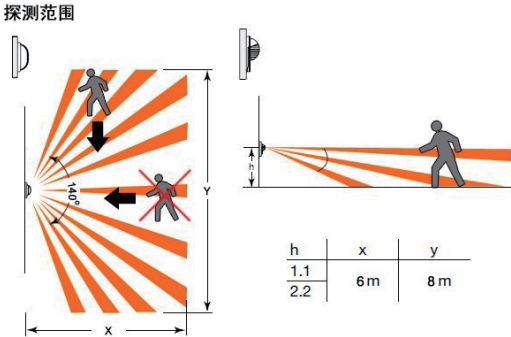
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Product dimensions



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Sensing range



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Operating instructions

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- ① Programming button: Press it to write the physical address of the device.
  - ② KNX programming button indicator light: When the programming button is pressed, the indicator light turns red. It will automatically turn off after the physical address is downloaded. It can also be turned on or off via the ETS software.
  - ③ KNX bus terminal.

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