

Multifunctional mobile sensor

User Manual

KTE2MLS-T



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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

- It is powered by the KNX bus.
- The delay time and brightness threshold can be set.
- The human body sensing function can be enabled/disabled.
- The constant illuminance function can be enabled/disabled.
- It has the illuminance detection function.
- It has the master - slave control function.
- It has the constant illuminance control function.
- The constant illuminance control function can be activated by human body sensing.
- Human body sensing can trigger different types of KNX data.
- The constant illuminance function can trigger different types of KNX data.
- The maximum detection distance can reach 8 meters.
- It can be programmed and debugged using ETS3/4/5.

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Programming instructions

1. Select the corresponding product database (KTE2MLS) and import it into ETS3/4/5.
2. Add the device to the project created in ETS3/4/5.
3. Press the device programming button and download its physical address through ETS3/4/5. After the download is completed, the red LED indicator light will go out.
4. Open the device database, associate the parameter settings with the corresponding group objects, and then perform the application download.
5. After changing the physical address of the device, repeat "Step 3".
6. After modifying the parameter settings or re - associating the "group objects", repeat "Step 4" to achieve new functions.

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Product Overview

The multifunctional sensor KTE2MLS - T has functions of human body sensing, illuminance detection, and constant illuminance control. It is a KNX automatic control product based on infrared technology and adopts the indoor ceiling - embedded installation method (recessed installation). It allows adjustment of the trigger delay time, brightness threshold, and constant illuminance brightness value, and is suitable for entrances, corridors, elevator halls, bathrooms, 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 - T sensor 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. Install and fix the sensor in an 86-type junction box or ceiling suspension. If it's not possible to install a junction box on-site, the opening size should be 60mm in diameter.
2. After connecting the KNX bus terminal to the sensor, simply snap the sensor into the mounting iron plate.

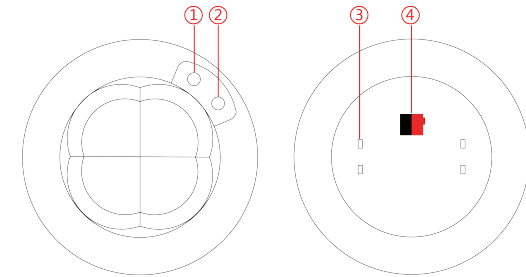
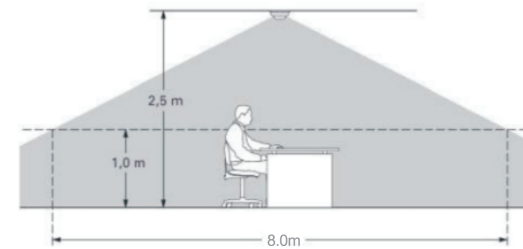
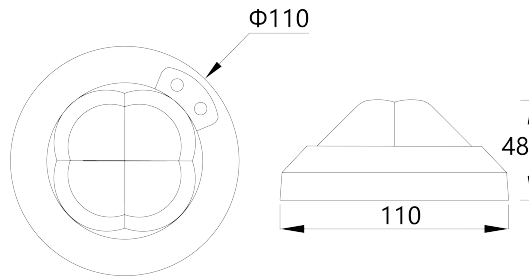
Product parameters

Product dimensions

Sensing range

Operating instructions

Parameters	Types	KTE2MLS-T
Power		
Power Supply		21V~30V DC
Transmission Media		KNX TP
Total rated current		10mA
Product Info		
Dimensions		110mm(φ)×48mm(H)
Installation method		Ceiling embedded installation
Technical parameter		φ60mm/86-type junction box
Type of protection		IP20
Operation		0°C~70°C
Storage		-25°C ~70°C
Programming mode		S-mode



- ① KNX programming button indicator light: When the programming button is pressed, the indicator light turns red. After the physical address is downloaded, it will automatically turn off. It can also be turned on or off via the ETS software.
- ② Programming button: Press it to write the physical address of the device.
- ③ Installation buckle: Used for fixing the device on the mounting iron plate.
- ④ KNX bus terminal.

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