kerberos



KET-SLE-100

Wireless outdoor brightness sensor

- **Measures the intensity of illuminance**
- **High degree of protection**
- **Battery powered, battery life over 5 years**
- **Internal memory**

The **KET-SLE-100** is a wireless sensor that **measures the light intensity** suitable **for outdoor use**, the housing has a high degree of protection against weathering.
It allows the monitoring of light situations in workplaces, greenhouses, warehouses, outdoors, in industrial sheds, as well as in commercial premises, in combination with the KET-DIM-100, it allows the control of luminaires, blinds and rolling shutters for the control of constant light according to daylight or as protection from sunlight to prevent the heating of rooms when it is not necessary.
The high sensitivity of the radio module allows to reach distances of **over 600 m** in free air.
The KET-SLE-100 is equipped with an **internal memory** that allows more than 60,000 pieces of information to be stored in the event of a wireless network failure, automatically retransmitting the data as soon as possible.
The **integrated LinkQuality** function signals the actual quality of radio reception, allowing the device to be quickly positioned.
Battery life of more than five years with normal alkaline batteries.

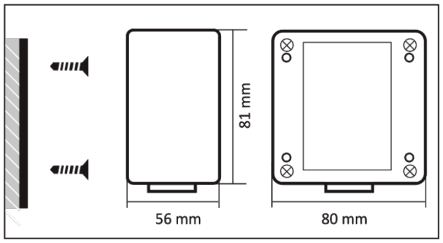
Applications

Building management system

Smart city

Versius

KET-THL-200.S



Technical Features

General specifications	**Protection Range**: IP65 **Operative Temperature**: -20 ÷ +70 °C
Case	**Dimensions**: 80 x 81 x 56 mm (W x H x D) **Mounting**: Wall mounting **Material**: UV resistant polycarbonate, Self-extinguishing: UL 94 V2-HB
Battery power supply	**Supply Voltage**: 2 x 1.5 V **Battery Type**: 2 type C, half torch **Approximate Battery Life**: > 5 years
Datalogger function	**Data Storage Capacity**: Retention of more than 60,000 data with date and hour even if there is no connection
Radio module	**Supported Protocols**: X-Monitor Protocol (X-MP) / IEEE 802.15.4 / ZigBee™ Pro 2.0 **Radio Frequency**: 2.4 GHz ISM Band **Output Power**: +3 ÷ +20 dBm **Sensitivity**: -101 dBm **Antenna Type**: 1 internal **Max Distance (Free Air)**: Over 600 m
Functionality	**Radio Signal Indicator**: Integrated (LinkQuality) **Output Power Adjustment**: From local keyboard and remotely **Firmware Upgrade**: Via radio
Light sensor	**Measure Range**: 10 ÷ 1000 Lux **Response Curve**: Similar to that of the human eye