

# LS001 Ambient Lux Sensor

## Features

- Measures and reports variations in light intensity regularly
- Enables home automation and security systems to turn on/off lights and appliances according to ambient light levels
- Spectral response mimics the human eye's perception of ambient light
- Incorporates IR and UV blocking capabilities
- Adopts a high-power ZigBee module
- LED indicates learning status and ZigBee network connectivity
- Regular supervisory signals ensure the device's proper operation
- Low power consumption
- Low battery detection
- IPX4 water resistance rating
- Easy installation
- Compatible with other manufacturers' ZigBee products
- CE compliance



## Specifications

Battery type	CR123A 3V lithium battery x 1
Battery life	2 years
Communications protocol	ZigBee Pro HA 1.2
Frequency	2.4 GHz band
Receiver sensitivity	-101 dBm
Operating temperature	-10°C to +45°C
Operating humidity	Up to 85% non-condensing
Dimensions	73.93mm x 45.8mm x 22mm