

# ZigBee® Switch and Power Supply

## Light Sensor Switch

### Z311B



**Z311B**  
Wireless Light Sensor Switch

Z311B is a light sensor switch based on ZigBee Wireless Communication Technology. According to the light intensity around, it sends ON/OFF command to the paired lighting devices in the ZigBee network. Z311B has the merits of easy installation and low power consumption. It does not need any wiring and is equipped with the newest energy saving technology. It requires just button batteries to support its operation for up to 2 years.

#### Main Features

- ZigBee device type: ON/OFF Switch
- Light sensor equipped
- Fully IEEE 802.15.4 compliant
- Up to 70 meters non-obstacle wireless distance
- Power supply: 2 x CR2450 button batteries
- Simple operation and device configuration

#### Technical Parameters

<b>Power Supply:</b>	2 x CR2450 3V button batteries
<b>Communication Range:</b>	Up to 70 meters
<b>Protocol:</b>	IEEE802.15.4/ ZigBee Pro
<b>Frequency:</b>	2.4-2.4835 GHz
<b>Consumption:</b>	@receiving mode 28mA @transmitting mode 43mA @standby mode 0.8uA
<b>Sensing Level Range:</b>	1~3000 lux
<b>Sensing Accuracy:</b>	±5%
<b>Operating Ambient:</b>	Temperature -10~50°C Humidity max. 95%RH
<b>Product Dimension:</b>	Body 57mm x 35mm x 15mm
<b>Battery Life:</b>	6 years*

\*Battery life may vary based on operating conditions.