



## S01 - MICROPNP PASSIVE INFRARED PRESENCE SENSOR

### PRODUCT DESCRIPTION

The MicroPnP™ Passive Infrared (PIR) Presence Sensor (**S01**) detects the motion of warm objects such as humans and animals within its range and field of view.

### MICROPNP PERIPHERALS

MicroPnP Peripherals are self-identifying sensors and actuators that connect to MicroPnP Wireless Devices to provide plug-and-play sensing and control.

The MicroPnP software automatically installs and configures all drivers, eliminating the cost and complexity of deploying an IoT network.

**Note:** only one peripheral of this type may be connected to a MicroPnP Wireless Device.

### APPLICATIONS

The passive infrared sensor is typically used to detect the presence or absence of humans and animals within discrete rooms or zones.

Applications include:

- ★ Burglar alarm systems
- ★ Smart lighting systems
- ★ Safety control systems
- ★ Animal enclosure monitoring

### CORE COMPONENTS

The **S01** is based on the EKMB1201112 from Panasonic®, for more information please visit:

[Panasonic EKMB1201112.pdf](#)

### S01 CHARACTERISTICS

Characteristic	Value	Unit
Max range	5	m
Avg current	170	μA
Min/Max period between updates	10 / 86400	s

**Note:** avg current values represent the current that this sensor draws from a MicroPnP Wireless Device. This value excludes message transmission.

### RELATED PRODUCTS

Item **S01** requires a MicroPnP Wireless Device such as **Pxx** or **Lxx**. This item is compatible with all items in the MicroPnP catalog:

[VersaSense-Catalog.pdf](#)

### INFORMATION/SUPPORT

Web: [www.versasense.com](http://www.versasense.com)

Sales: [sales@versasense.com](mailto:sales@versasense.com)

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