



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 each 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:

http://versasense.com/files/datasheets/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 **P01**. This item is compatible with all items in the MicroPnP catalog:

versasense.com/files/VersaSense-Brochure.pdf

INFORMATION/SUPPORT

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