



S01 - VERSASENSE PASSIVE INFRARED PRESENCE SENSOR

PRODUCT DESCRIPTION

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

VERSASENSE SENSORS

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

The VersaSense 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 VersaSense 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 VersaSense Wireless Device. This value excludes message transmission.

RELATED PRODUCTS

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

[VersaSense-Catalog.pdf](#)

INFORMATION/SUPPORT

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