



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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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