

Sensor TypeB ZG18 PIR

Sensor
Art. no. 22171802

Application

Passive infrared motion detector for outdoor lighting control to be used in combination of other Urbasens SENTINEL or CONNECT products. D4i type B certified product, the product shall be mounted on a Zhaga book-18 ed.3 socket pointing downward on a flat plane.

The motion detector covers a wide rectangular area best suited for streetlight application. It will detect changes in emitted infrared heat from anybody – from pedestrians, cyclist or slow vehicles. The sensor has 3 area of detection: on the sidewalk it is installed, the road and the opposite sidewalks.

It will give the ability to create motion triggered scene such as lighting different groups of luminaires or a 'train-of-light' by following the motion as it goes through the installation.

For more details, please visit:

<https://www.tridonic.com/com/en/products/psensor-ssi-31-2xpir-8dp-dg.asp>



Functional description

The sensor is equipped with 2 PIR sensors together with a dedicated lens to create a rectangular shaped area. The sensor can be installed between 4 and 8 meters maximum to provide the best efficiency up to 560m² of coverage. It will detect changes of temperature of objects of +/- 4°C compared to the background.

It must be installed in such way to avoid influence of heat zones or nearby trees and leaves, otherwise unwanted triggers will occur.

Technical data

Nominal input voltage	9.5-22.5V - DALI-2 bus power supply
Power consumption	max 8.1mA
Mounting	Zhaga-book 18 ed.3
Mounting height	4 to 8 m
Ambient temperature	-25°C to +50°C
Protection type	IP66
Impact strength	IK08
Compliance	CE, UKCA, RoHS, EAC, EN/IEC 61347-2-11:2001, EN 55015:2013, EN 61000-3-2:2014 Part 3-2, EN 61000-3-3:2013 Part 3-3, EN 61547:2009, EN 62386-101 Ed.2, EN 62386-103 Ed.1, EN 62386-303, EN 62386-304, EMC directive 2014/30/EC