Panasonic

New Panasonic PIR Motion Sensor

Ultra Wide & Long Distance Detection Lens



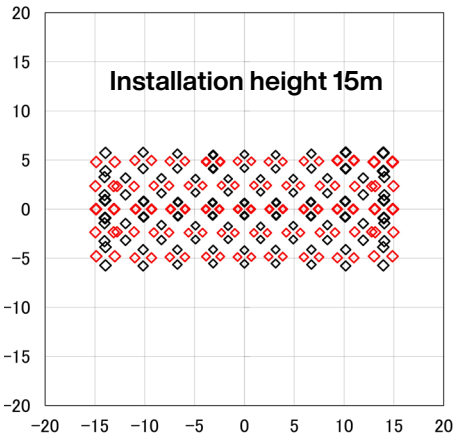


Developed for aisle and street lighting applications




Features

- Smallest aisle high bay sensor (lens Ø32.6mm)
- High sensitivity on the aisle entry and exit area
- Optimized for radial movement
- Huge detection coverage: typ. 30.9m x 12.6m (at 15m installation height)



Comparison

Due to the high sensitivity performance of the PaPIRs our new lens offering replaces the need for 3 competitor sensors with 1 PaPIRs sensor. This enables a much smaller lens factor whilst keeping detection coverage.

Competitor Product





Lens size	Ø70.0mm
Sensor	3

Panasonic Product

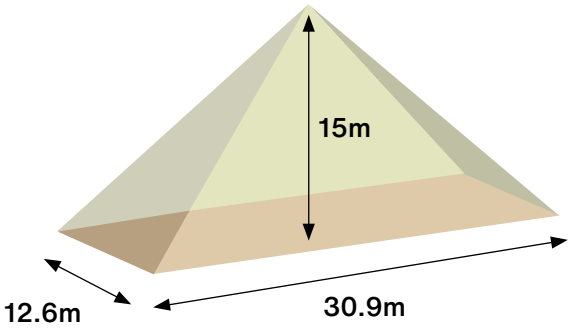


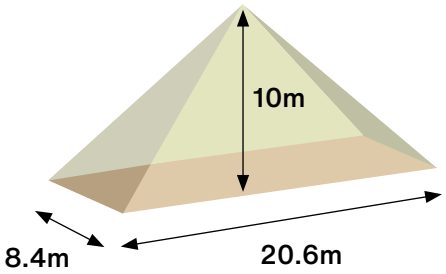


Lens size	Ø32.6mm
Sensor	1

Specification

Typical Installation height	15m (High sensitivity type) 10m (Standard sensitivity type)
Field of view	92° x 45°
Detection zones	188





Lineup

Model No.	Current consumption	Typ. Installation height	Specification
EKMC161111□	170uA	10m	Digital output, standard sensitivity
EKMC461111□K	170uA	15m	Digital output, high sensitivity
EKMB131111□K	6uA	10m	Digital output, standard sensitivity
EKMB431111□K	6uA	15m	Digital output, high sensitivity
EKMC261111□K	170uA	15m	Analog output (adjustable)

□ lens color: 1 = white; 2 = black; 3 = pearl white