

Pyroelectric Passive Infrared Motion Sensor

EKMB and EKMC - Wide Area & Ultra Slight Motion Detection

Panasonic
INDUSTRY

One constructive principle – two optical purposes

The new PaPIRs are equal twins in terms of their 14mm small lens diameter and pinning structure, but each of them standing out with a particular detection performance. Both new EKMB and EKMC types are designed for either typical ceiling installation heights of 3m and for wall or corner mounted applications. The Wide Area Detection type comes with a lens diameter of only 14mm and an unrivaled large detection area of 12.9m. The Ultra Slight Motion Detection Type impresses with an extremely high and almost gapless switching zone density and an exceptionally high sensitivity for small objects or movement detection.

Key Features

- Both sensors are constructively identical
- Extremely small lens diameter of 14mm
- Sensitive detection of small objects and minor movements
- Easy to use thanks to the integrated electronics
- UV-stabilized lens, suitable for indoor and outdoor purposes
- Digital output (open drain): 1 μ A, 2 μ A, 6 μ A and 170 μ A
- Analog output (op-amp): 170 μ A
- Lens colors: white, pearl white and black



Lighting Control

- Offices & homes
- Corridors
- Car parking



HVAC

- Ventilators
- Air conditioners & purifiers
- Thermostats & control sensors



Smart Home

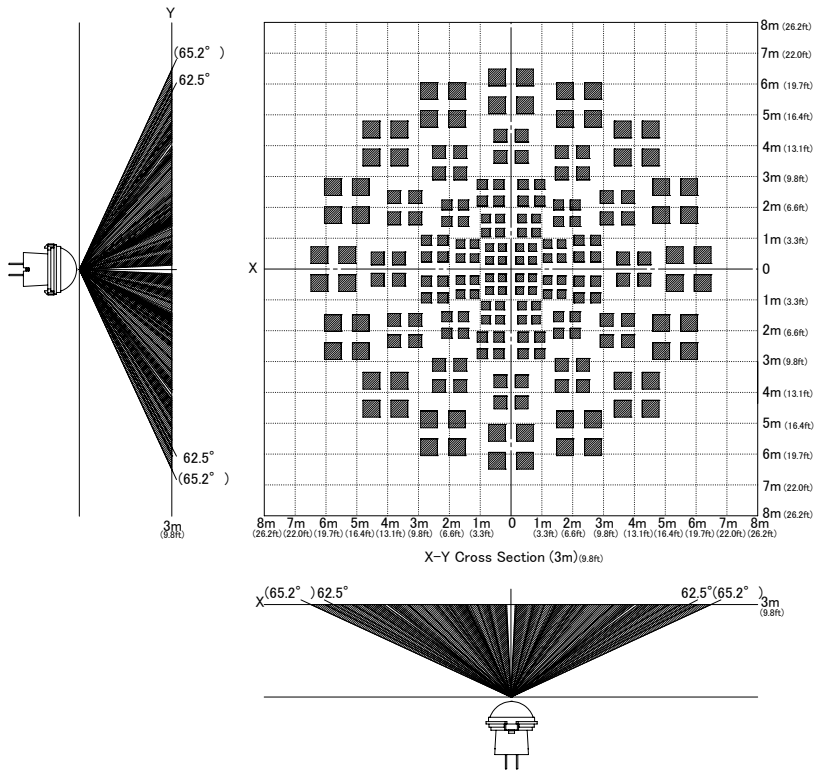
- Intrusion alarm & IP cameras
- Light bulbs
- AI devices

((PaPIRs))



Discuss applications & request samples info@eu.panasonic.com

EKM - Wide Area Detection Type



EKM - Ultra Slight Motion Detection Type

