

# Pyroelectric Passive Infrared Motion Sensor PaPIRs EKM Low Profile Series

**Panasonic**  
INDUSTRY

## With a sense of aesthetics

Ultra-small, powerful and easy to use: The Low Profile type infrared sensor extends the PaPIRs families EKMC (170 $\mu$ A) for battery-free and EKMB (6 $\mu$ A) for battery-operated devices. The sensor is available with a digital output (open drain), with a preset sensitivity or with an analog amplifier output that allows an adjustable sensitivity. The whole signal processing circuit is already integrated which saves space, reduces the number of components required and thus suits modern slim product designs – let alone the significantly shorter development cycles in comparison to discrete solutions.

## Key Features

- Maximum detection area: 8.5m x 8.5m at 3m
- Only 10.9mm high
- Low control current
- Lens diameter of only 9mm
- Digital output (open drain) with 1 $\mu$ A, 2 $\mu$ A, 6 $\mu$ A and 170 $\mu$ A
- Analog output (op-amp) with 170 $\mu$ A
- Available lens colors: white, pearl white, and black

(((PaPIRs)))



### Lighting

- Lighting controls
- Slim luminaires
- Slim LED drivers (11mm)



### Building Automation

- HVAC control
- Workplace management
- Access control



### Consumer

- TV screens and displays
- Air purifiers
- Advertisement panels



For further Information, please contact [info@eu.panasonic.com](mailto:info@eu.panasonic.com)