

Pyroelectric Passive Infrared Motion Sensor EKM - High Density Long Distance Detection Type

Panasonic
INDUSTRY



The world's smallest long range sensor

Due to its miniaturized lens diameter of 19.3mm, the sensor can be integrated unobtrusively into almost any Long Range or High-Bay application and extends the PaPIRs families EKMC (170 μ A) for battery-free and EKMB (6 μ A) for battery-operated devices. The digital versions (open-drain) have preset switching thresholds and are temperature compensated - output „1“ signals „movement“ while „0“ stands for „no detection“. The processing & amplifier circuitry is entirely integrated, which means: less components, less space and hence shorter development cycles compared to discrete solutions.

Key Features

- Maximum installation height: 17m
- Maximum detection area: 23.4m @ 17m
- Lens diameter of only 19.3mm
- Digital output (open drain) with 1, 2, 6 & 170 μ A
- Analog output (op-amp) with 170 μ A
- Lens colors: white, pearl white, and black
- Application note how to mask the sensor is available

((PaPIRs))



Industrial lighting

- Warehouses
- Industrial halls
- Production halls



Public lighting

- Sport halls
- Street lighting
- Flood lights



Safety & Security

- CCTV cameras
- Intrusion alarm sensors



For further Information, please contact info@eu.panasonic.com