



## New Product Introduction

### Passive Infrared or Pyroelectric (PIR) Motion Sensors EKMB and EKMC Series

Panasonic's Passive Infrared (PIR) Motion Sensors Product Line Expands Significantly To Include Analog Output, New Lenses, and New Sensitivities For Digital Output



#### NEW!

#### High Density, Long Distance Lens Type

Concentrated Detection Area To More Accurately Detect Movement At Longer Distances From 12m To 17m For High Bay Ceiling Installations!

- Aesthetically Pleasing Small Lens
- Available In All Current Consumptions (1 $\mu$ , 2 $\mu$ , 6 $\mu$ , 170 $\mu$ )



#### NEW!

#### Slight Motion Type

Wide Detection Area To Cover An Entire Room With One Sensor And Can Pick Up Even Small Or Slight Motions At Up To 2.5m Distances.

- Available In All Current Consumptions (1 $\mu$ , 2 $\mu$ , 6 $\mu$ , 170 $\mu$ )



#### NEW!

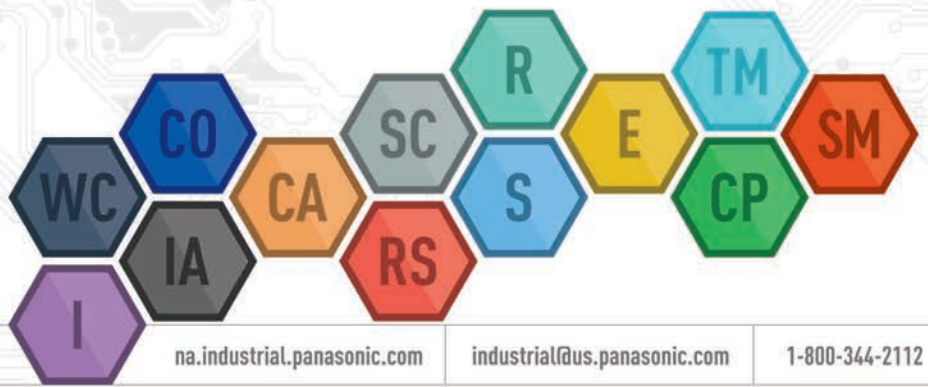
#### Analog Output

Provides The Highest Level Of Control And Flexibility Allowing The User To Adjust Sensitivity Levels For Custom Applications.

- Aesthetically Pleasing Small Lens
- Available In All Current Consumptions (1 $\mu$ , 2 $\mu$ , 6 $\mu$ , 170 $\mu$ )

Offered  
With Any Lens





## NEW!

### Digital Output With High Sensitivity

Higher Sensitivity Allows Objects To Be Detected More Easily At Longer Distances Without Needing A Larger Lens.

- Available In 170µ Current Consumption
- Contact Panasonic For Lower Current Consumption Options
- In Some Cases, This Increased Sensitivity Could Offset The Diminishing Detection When Covering The Sensor

*(Note: Cover Material Considerations Should Be Made To Consider Infrared Transmission.)*

Offered  
With Any Lens

## NEW!

### Digital Output With Low Sensitivity

Lower sensitivity can be used to shorten detection distance as well as reduce the change of false triggering.

- Available In 170µ Current Consumption
- Contact Panasonic For Lower Current Consumption Options

Offered  
With Any Lens

## Panasonic PIR Sensor Features And Benefits

- Wide Variety Of Lenses And Various Sensitivity Types All With The Same Footprint
- All Panasonic PIRs Are The Same Footprint Allowing Users To Interchange Sensors Without Redesigning The Board
- Plug And Play Solution Saves Design Time. No Additional Components Needed
- Panasonic PIRs Include Amplifier And Comparator Circuitry Inside A Shielded TO-5 Metal Can To Protect Against EMF Noise
- High Signal To Noise Ratio To Prevent False Triggers
- Available In Three Colors: White, Black, And Pearl White
- RoHS And REACH Compliant

## Industries

- Security
- Lighting
- HVAC
- Energy Harvesting

## Applications

- Warehouse Lighting Or High Bay
- Lighting Fixtures
- Thermostat
- Video Intercom/Doorbell
- Vending Machine
- Television and PC Monitors
- Lavatories
- Fitting Rooms
- Private Office Spaces

