

# Aurora

## PIR Motion Sensor

Don't be fooled by its small size! Next-generation Split-Zone Optics and advanced ASIC-based processing give the pet immune Aurora laser-sharp detection.



## FEATURES

- Immune to pets up to 40 lbs.
- Split-Zone Optics technology
- Totally silent relay operation
- Advanced ASIC-based processing
- Ultra-low current
- Tamper proof design

## SPECIFICATIONS

### Detection Method

- Dual Element Passive Infrared

### Coverage

- Pet Immune Lens: 35' x 45' (10.6m x 13.7m)
- Long Range Lens: 75' x 10' (23m x 3m)  
Optional part number Aurora-LR

### Detection Zones

#### (2 fingers per Zone)

- Pet Immune Lens: 28 zones (eight over eight long range, eight intermediate, four short range)
- Long Range Lens: 6 zones (one over one long range, two intermediate, two short range)

### Pulse Processing

- Intermediate, Standard or Harsh, selectable via jumper link

### Temperature Compensation

- Advanced dual-slope temperature compensation adjusts for above and below body temperature

### Tamper proof design

- Alarm relay cannot be compromised with a magnet

### Detectable Walk Rate

- 0.5-10ft/sec (.15-3m/sec)

### Mounting Height

- 7ft. (2.1m) recommended for pet installations

### Indicator

- Red LED, enabled/disabled via jumper link

### Alarm Relay

- Form A, SPST, 90mA @ 16VDC with 15-ohm protective resistor

### Input Voltage

- 8-16 VDC  
(Voltage reversal makes PIR inoperative)

### Current

- 4 mA (standby)
- 4 mA nom. (alarm, LED disabled)
- 10 mA nom. (alarm, LED enabled)  
(All current nominal at 12 VDC)

### Operating Temp

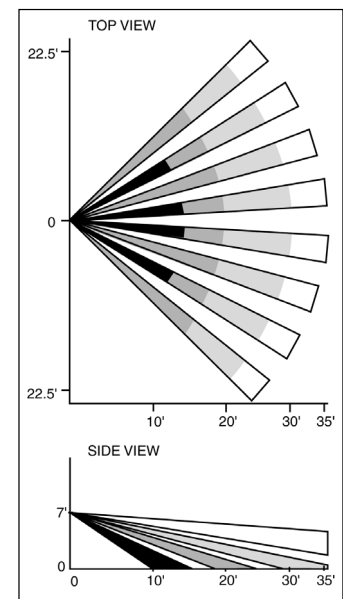
- 14°F to 122°F (-10°C to +50°C)

### Operating Humidity

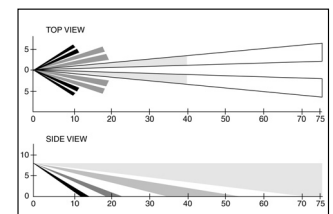
- Up to 95% RH (max.), non-condensing

### Dimensions

- 2.9"W x 4.1"H x 1.5"D (max protrusion)  
(60mm x 104mm x 38mm)



Pet Immune Lens coverage pattern



Long Range Lens coverage pattern

## ORDERING

<b>AURORA</b>	PIR Motion Sensor
<b>AURORA-T</b>	Aurora with Tamper
<b>AURORA-LR</b>	Long Range Lens for Aurora
<b>AURORA-PK</b>	6 pack of Aurora's

## Honeywell Security & Custom Electronics

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