

# SENTROL

## PRODUCT INFORMATION BULLETIN



## 6350 SERIES PASSIVE INFRARED

### Sharpshooter™ DesignLine™

Model numbers:  
6351, 6353



- **Field-proven Sharpshooter technology**
- **Easy to install**
- **Coverage patterns include:**
  1. **90° Wide Angle**
  2. **Pet Alley**
  3. **Vertical Barrier**
- **Corner mount bracket included**
- **Mounts within 1/8" of ceiling, from 7' to 11' feet high**

The Sentrol 6350 Sharpshooter DesignLine (DL) PIR motion detector is specifically designed for residential applications. The detector design is attractive and unobtrusive. The PIR is easily mounted in the corner — the preferred location for most residential applications. It can be mounted within 1/8-inch of the ceiling, from 7' to 11' high.

Each unit comes with a corner mounting bracket and foam spacing tool. Three coverage patterns; 90° wide angle, 90° pet alley, and 6° vertical barrier each providing 35 feet of space detection are available.

Based on field-proven Sharpshooter technology, DesignLine uses a dual pyroelectric sensor with jumper selectable one- or two-zone detection. It also features a sequence processor that combines bi-directional pulse counting and motion verification; the most sophisticated signal processing available. An opaque, high resolution Fresnel lens focuses the infra red energy on the pyroelectric sensor while blocking stray or reflected light.

The detector is sealed from drafts and bugs to eliminate false alarms from these sources. It is constructed of fire-retardant ABS plastic and provides a surface for private labeling.

# Sentrol 6350 series Sharpshooter™ DesignLine™

## Specifications:

### Electrical

Voltage ..... 7 to 16 VDC  
 Current ..... 8 mA typical, 10 mA max.  
 Maximum loop rating ..... 16 VDC, 50 mA  
 Alarm output ..... Fail safe contacts, 20 ohm max. resistance  
 Alarm duration ..... 2 to 5 seconds  
 Cover tamper contacts ..... Normally closed,  
 rating: 16 VDC, 50mA  
 SPDT available w/ 6353 version

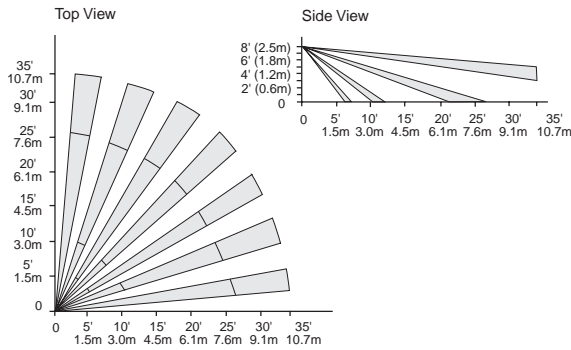
### Environmental

Operating temperature ..... 0°F to 123°F (-17°C to +50°C)  
 Humidity ..... 10% to 90% noncondensing  
 RF Immunity ..... 20 V/m min from 1MHz to 1GHz  
 Static/lightning immunity ..... 2.5 kV, 2 joules max energy  
 impulse, 1 msec rise / 50 msec decay

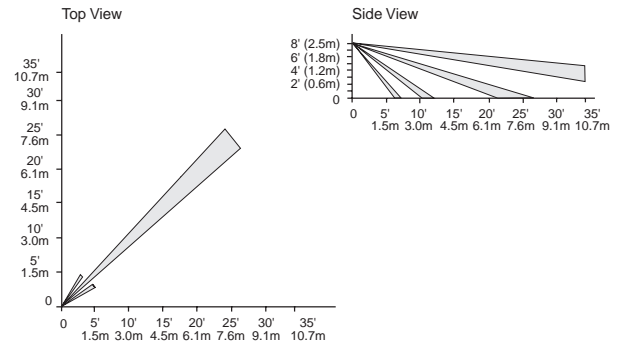
## Features

Pulse count ..... Bi-directional, 1 event (2 pulses) or  
 2 events (4 pulses)  
 Walktest mode (1 pulse)  
 Range .....  
 Standard ..... 35' (10.7m) x 90°  
 Pet Alley ..... 35' (10.7m) x 90°  
 Vertical Barrier ..... 35' (10.7m) x 6°  
 Mounting ..... Wall or Corner 7' (2.1m) to 11' (3.4m),  
 standard and vertical barrier coverage  
 3' 3" (1m) pet alley coverage  
 Dimensions ..... 4.12" (10.5cm) H  
 3.12" (7.9m) W  
 2.0" (5.1m) D  
 Color ..... White/white

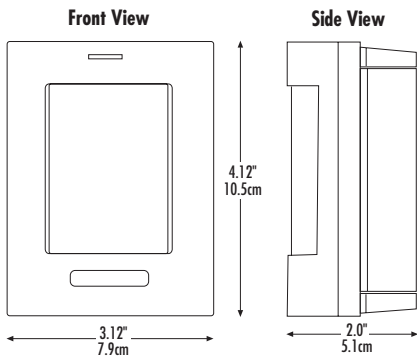
## Standard Wide Angle



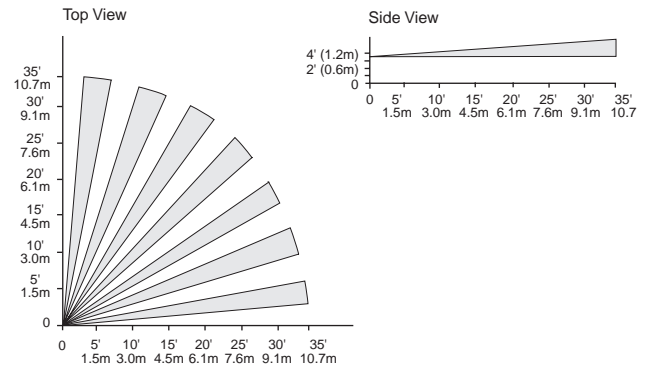
## Vertical Barrier



## Dimensions



## Pet Alley



## Ordering Information

Model Number	Loop Type	Electrical Configuration	Comments
6351	NC	Form A	UL, ULC (residential)
6353	SPDT	Form C w/ tamper	UL, ULC (commercial)



**SENTROL**

## CORPORATE HEADQUARTERS

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