

# Clip Series



DETECTORS

*The smallest and most elegant  
Micro-PIR detector*



## **Features**

- *World's most inconspicuous PIR detectors*
- *Attractive miniature design*
- *Size: 2.75 x 1.25 x 1 in. (7 x 2.8 x 2.5 cm)*
- *30 x 45 ft (9 x 13.5 m) 100° coverage*
- *Vertical adjustment*
- *Switchable walk-test LED*
- *Alternate polarity pulse counter*
- *Enhanced 20 V/m RFI immunity*
- *Visible light rejection filter*
- *Tamper switch*
- *Silent relay*

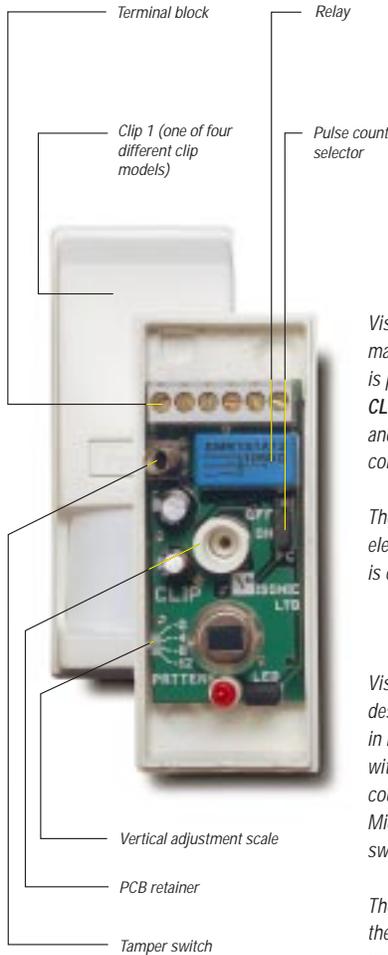


**Visonic Ltd**

*Committed to Advancing Security*

# Clip Series

DETECTORS



Visonic Ltd., the world's leader in design, development and manufacture of systems and equipment for the security industry, is proud to present the world's smallest PIR detectors - the **CLIP Micro-PIR Series**. Full size PIR power, graceful design and miniature size make the CLIP Micro-PIR an essential component in any security professionals' product offering.

The CLIP Micro-PIR is the most inconspicuous, attractive and elegant PIR available today. The CLIP Series of miniature PIR's is comprised of four models:

- CLIP-1 Wide Angle
- CLIP-2 Pet Alley
- CLIP-3 Long Range
- CLIP-4 Wall Mount Curtain

Visonic Ltd.'s research and development department has designed the CLIP Series with both the end user and installer in mind. All models in the **CLIP Micro-PIR Series** are equipped with a built-in two-step selectable alternate polarity pulse counter for highest false-alarm protection. Additionally, CLIP Micro-PIR detectors feature a 12° vertical adjustment and a switchable walk-test LED to ensure accurate pattern coverage.

The **CLIP Micro-PIR Series** provides full detection capability in the world's smallest detector. Visonic Ltd. demonstrates once again why our innovative spirit keeps us ahead of the competition.

## Specifications

### OPTICAL

**Detection Pattern:** 4 models are available, each with a different detection pattern.

**CLIP-1:** 100° Wide Angle. Provides 9 dual beams in 2 detection layers, with maximum coverage area of 30 x 45 ft (9 x 13.5 m).

**CLIP-2:** 100° Pet Alley. Provides 5 dual beams in a single detection layer, with maximum coverage area of 33 x 45 ft (10 x 13.5 m).

**CLIP-3:** Long Range. Provides a long range corridor barrier with two fill-in beams below the long beam.

The maximum coverage range is 45 ft (13.5 m).

**CLIP-4:** Curtain. Provides a solid curtain with maximum coverage area of 12 x 20 ft (3.6 x 6 m).

**Adjustment:** Vertical, 0° to -12° calibrated scale.

### ELECTRICAL

**Voltage:** 10 to 16 VDC.

**Current:** 12.5 mA at 12 VDC.

**Alarm Output:** Normally closed (fail-safe) contacts. 18 ohm resistor in series with contacts. Rating - 0.1A resistive / 24 VDC.

**Tamper Output:** Normally closed. Rating - 0.1A resistive / 24 VDC.

**Alarm Period:** 2-5 seconds.

**Pulse Counter:** 2 position selector, 1 or 2 pulse operation (alternate polarity).

**LED:** Walk Test enabled or disabled with internal link.

**Detector:** Dual-element low noise pyroelectric sensor.

### MOUNTING

**Position:**

**CLIP-1, 2 and 3:** Wall mounting.

**CLIP-4:** Wall or ceiling mounting.

**Height:**

**CLIP-1 and 3:** Up to 8 ft (2.4 m).

**CLIP-2:** 2.5 to 5 ft (0.7 to 1.5 m).

**CLIP-4:** Up to 12 ft (3.6 m).

### ENVIRONMENTAL

**Operating Temperature:** 14°F to 122°F (-10°C to 50°C).

**Storage Temperature:** -4°F to 140°F (-20°C to 60°C).

**RFI Protection:** > 20 V/m to 1000 MHz.

### PHYSICAL

**Dimensions (H x W x D):** 2.75 x 1.25 x 1 in.

(7 x 2.8 x 2.5 cm).

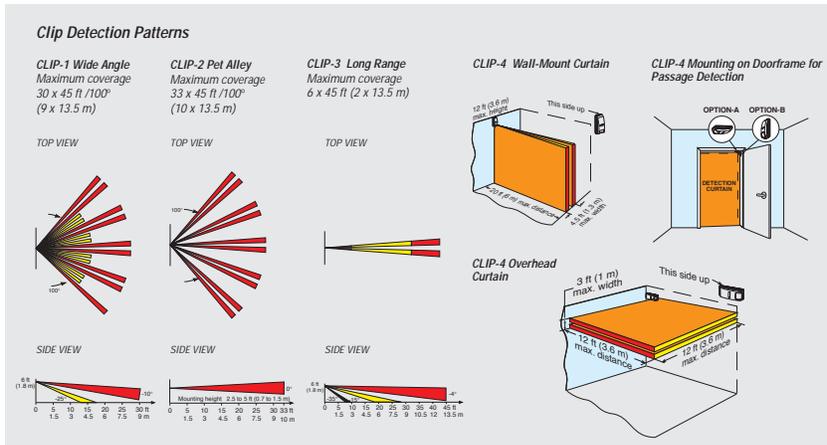
**Weight:** 0.9 oz (25 gr).

**Color:** White.

### PATENTS

US Des. 364,827, Des. 370,863. Other patents pending.

Visonic Ltd. reserves the right to change specifications without prior notice. Full warranty statement available upon request



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