

CH-1000



DETECTORS

The universal solid curtain PIR



Features

- Solid curtain coverage, 45' (13.5 m) long x 20' (6 m) high
- Vertical, horizontal & pet-alley curtains
- Calibrated pattern adjustment scale
- Selectable pulse counter
- SMD technology for highest reliability
- Wall or ceiling mounting
- Attractive design

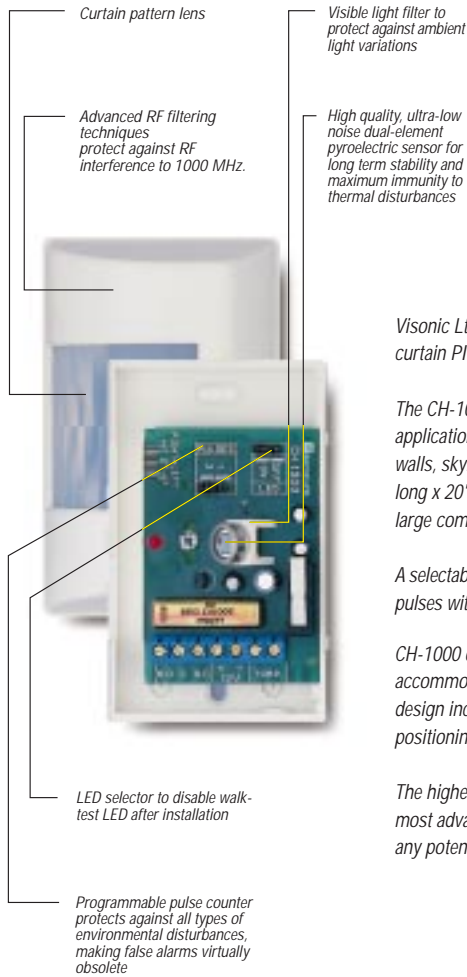


Visonic Ltd

Committed to Advancing Security

CH-1000

DETECTORS



Visonic Ltd. is pleased to announce the most elegant solid curtain PIR - The CH-1000.

The CH-1000 has many residential and commercial applications. It is ideal for protecting display windows, walls, skylights and corridors. Its wide coverage, 45' (13.5 m) long x 20' (6 m) high, provides an easy solution for protecting large commercial and industrial buildings and warehouses.

A selectable pulse counter can be set to count two consecutive pulses with alternate polarity, before activating the alarm relay.

CH-1000 can be mounted on the wall or on the ceiling to accommodate your particular requirements. Its user-friendly design includes a calibrated adjustment scale for precise positioning of the curtain patterns.

The highest quality infrared engineering - combined with the most advanced SMD technology - puts the CH-1000 far above any potential competitors.

Specifications

OPTICAL

Detection Patterns: Solid Curtain with maximum coverage pattern of 45 ft length and 20 ft height (13.5 m x 6 m).

Available detection patterns include vertical and horizontal curtains and pet-alley coverage.

Adjustment: Horizontal $\pm 7^\circ$ calibrated to the left or right side.

ELECTRICAL

Voltage: 9 to 16 VDC.

Current: 17 mA at 12 VDC.

Relay Output: Normally Closed or form-C (fail safe) contacts. 18 ohm resistor in series with contacts.

Rating: 0.1A resistive/24 VDC.

Alarm Period: 2-5 seconds.

Tamper Contacts: Normally Closed.

Rating: 0.5A resistive/24 VDC.

Pulse Counter: Two position selector, 1 or 2 pulses with opposite polarity.

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

Detector: Dual-element low noise pyroelectric detector.

MOUNTING

Wall or ceiling mounting.

ENVIRONMENTAL

Operating Temperature: 32°F to 120°F (0°C to 49°C).

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

RFI Protection: Greater than 20V/m to 1000 MHz.

PHYSICAL

Dimensions: 4.1 x 2.5 x 2.1 in. (10.5 x 6.5 x 5.3 cm).

Weight: 3.2 oz (90 gr).

Color: White.

MODELS AVAILABLE

CH-1000: Standard model

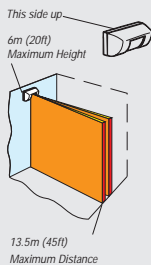
CH-1000S: Same as standard model,

but with form-C relay contacts.

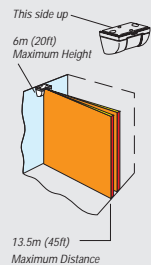
CH-1000 VDS: With memory and remote LED control (Current 7 mA only)

CH-1000 Applications

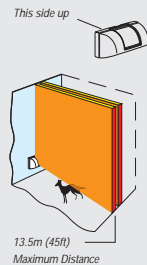
Wall Mounted Curtain



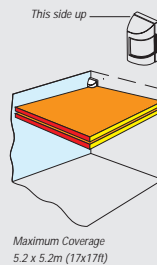
Ceiling Mounted Curtain



Pet-Alley Curtain



Skylight Solid Curtain



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