



PIR1500/10

NAPCO's **dependably, affordable PIRs** for residential and light commercial applications.

The tried and true PIR1500 & 1510 passive infrared motion detectors offer dependable NAPCO sensor technology optimizing intruder "catch" sensitivity with false alarm prevention. Both compact, unobtrusive units blend with any décor and feature a 30' x 30' (9.1m²) wide angle coverage. The PIR1510 model provides additional coverage directly beneath the sensor, using its look-down or creep-zone.



standard wide angle lens



Manufacturing great security products is all we do. **It's that simple.**[™]

Two decades of NAPCO sensor engineering expertise combines to provide its sensors with unsurpassed false alarm prevention and intruder catch detection.

FEATURES

- **Convenient range suitable for most residential & light commercial installations:** 30' x 30' (9.1 x 9.1m) range
- **Look-down/creep zone** PIR1510 model provides detection zones directly beneath the sensor for inescapable intruder "catch"
- **Increased stability with Automatic Sensitivity Selection S.S.P.™** (Signal Selective Processing) circuitry enables the unit to analyze incoming signals and adjust its sensitivity to provide the optimal sensitivity setting depending upon the harshness of its application environment, for automatic false-alarm rejection.
- **Optimized field-of-view with custom-engineered aspheric optics** Napco's fresnel lenses are carefully designed to provide the ideal lens array and are easily-aimable during installation. Additional field-changeable lenses are available: Barrier, Long-range and Pet-Alley.
- **RFI-/EFI-/lightning protection** Resilient SMD circuit design ensures the units' proper performance despite nuisance interference due to static discharge, power surges, electric spikes, etc.
- **Fast, flexible mounting** The detector is conveniently installed on walls or in a corner and may be more precisely aimed horizontally or vertically, by repositioning the PCB within the enclosure for a full range of coverage. Large wiring channel, generous terminal strip and captive PCB screw combine for fast, trouble-free, neat installations every time.
- **Tamper/vandalism supervision** defeats acts to sabotage or vandalize the unit by reporting them to the system if opening the enclosure is ever attempted.
- **Added False Alarm Prevention Features** The unit employs myriad features to ensure only valid alarms are reported in the system, saving time and money. This includes properties of its circuitry and fresnel optics, which include integral extra white light protection, a Napco-pioneered innovation.
- **5 year warranty** Napco stands behind all of its sensors with an unsurpassed 5 year warranty, for your added peace-of-mind.



SPECIFICATIONS

- Operating temperature*: -10 to +50 degrees C (14 ° to 122° F)
- Mounting: Wall or corner, 12' (3.6m) max. (Optional SVL2 Swivel Bracket can be used for pattern aiming and for mounting heights above 12 ft. (3.6m))
- Output relay: Form A; normally closed
- Relay time: Approx. 3 seconds
- Alarm Relay: 100mA, 24Vdc with internal 10 ohm current limiting resistor
- Power supply requirements: 10.6 to 16VDC nominal with battery backup from the control panel.
- Current drain: 23mA (idle/alarm) at 12VDC (nominal); 33mA (idle or alarm) at 16VDC (nominal); 44mA (trouble condition) at 16VDC (nominal)
- Dimensions: 3.3"H x 2.5"W x 1.9"D (8.4 x 6.4 x 4.8 cm) (HxWxD)
- Shipping weight: 5 oz (142 gm)

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