PIR1710

NAPCO's **most popular PIR** with Advanced detection technology, generous 70' x 60' range and built-in **false alarm prevention features**

The field-proven PIR1710 passive infrared motion detector offers advanced NAPCO sensor technology for increased reliability and intruder "catch" performance. With a 70' x 60' broad coverage range and look-down creep zone that provides detection coverage directly beneath the sensor, the PIR1710 offers excellent protection for virtually any application. Other enhanced false alarm prevention features include, automatic SSP Signal Selective Processing for the easiest and most stable of installations, temperature compensation, white light protection and RFI/EFI shielding, combining to make the PIR1710 a natural fit for every residential or moderate commercial application, large or small.

standard wide angle lens

infrared PIR

look down/creep zone

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

FEATURES

- **Generous range suitable for most residential & commercial installations:** 70' x 60' (21.3 x 18.3m) range @ 20⁰ C (68⁰ F), typical

- **Look-down/creep zone** provide detection zones directly beneath the sensor for inescapable intruder "catch"

- **Increased stability with Automatic Sensitivity Selection** PIR1710's 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.

- **Bipolar 2-pulse processing option** For those preferring traditional, manual settings, 2-pulse count processing can be manually selected.

- **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 available: Barrier, Long Range, Pet Alley.)

- **Superior RFI-/EFI-/lightning-shielded protection** Key components and resilient SMD circuitry are electronically-shielded to 20V/m. This protects the unit's proper performance from nuisance interference due to static discharge, power surges, electric spikes, etc.

- **Critical range control** The PIR1710 enables customizable range with a calibrated adjustable potentiometer to fine-tune range during walk-test, if desired.

- **Automatic temperature compensation** the unit's circuitry automatically adjusts for seasonal and climate variances, providing accurate detection despite extremes of heat or cold.*

- **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.

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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 backaup form 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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