

PULNiX

Passive Infrared Sensor

Request-to-Exit Sensor

UL Listed

State of the art technology,
5 year warranty and all
the following features:



- **Totally Stable, Totally Reliable**
Dual pyroelectric for increased stability against external light. Special circuitry provides high immunity to RFI and other electrical noise.
- **Adjustable Coverage Area**
Adjust from straight downward 'blanket' covering the door to angles of 35° in front of door.
- **Adjustable Sensitivity**
Increase or decrease to suit your site needs.
- **Single or Double Door Coverage**
The two position mirror provides coverage of single and double doors.
- **Overhead or Wall Mount**
- **Adjustable Relay Timer**
0.25 to 60 second adjustment for relay hold time.
- **Two Relay Outputs**
Both normally open/normally closed.
- **Heavy Duty Relay Output**
Relays drive up to 1 amp of current for controlling door strikes and magnetic locks.
- **Fail Safe - Fail Secure**
Selectable by DIP Switch.
- **Compact Design in Bronze, White or Silver**

Passive Infrared Sensor PS-520

Designed for applications involving coverage at the threshold of a doorway, the PULNiX Passive Infrared Sensor detects the differential between a human body and the floor. It features several field selectable options and adjustments to make it the ideal choice for access control applications, door strike release, alarm system shunting and automatic door operation.

***'The sensor with the
five year warranty'***

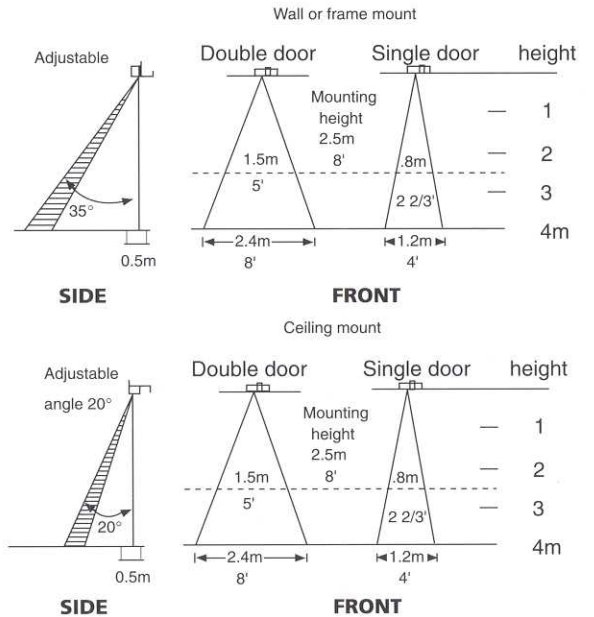
PULNiX *Sensors, Inc.*

Specifications

Detection Area

The PS-520 detects the temperature differential between a human body and the floor. The unit can be precisely set for the detection area desired.

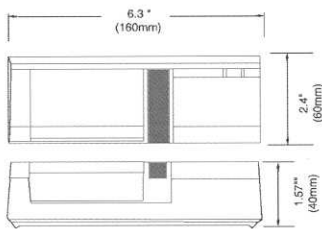
PRODUCT NAME		REX SENSOR (REQUEST TO EXIT SENSOR)		
MODEL		PS-520 (W)	PS-520 (S)	PS-520 (B)
DETECTION SYSTEM		Passive Infrared		
DETECTION AREA	MOUNTING HEIGHT	13' (4m) Max		
	PATTERN	Single (Door) or Double (Door) <input type="checkbox"/> Selectable		
	ADJUSTMENT RANGE	wall mount: vertically 35° overhead mount: vertically 20°		
	SENSITIVITY	Adjustable		
POWER SUPPLY		12 to 24VDC (Non polarity) or 12 to 24VAC (50Hz / 60Hz) (When operated at AC20 to 24V connect attached resistor.)		
POWER CONSUMPTION		40mA or less / DC 70mA or less / AC		
OUTPUT		2 x Dry Contact relay N.O./N.C.: One shot Operation Hold time: Adjustable approx. 0.25sec to 60sec Contact capacity: 30V (DC) 1A or less 125V (AC) 0.6A or less Selectable relay operation: Fail-safe, Fail-secure		
LED		Green Operation: synchronous dry contact relay (LED disabled)		
WIRING CONNECTION		Terminals		
AMBIENT TEMP RANGE		+14°F to +122°F (-10°C to +50°C) without condensation		
MOUNTING POSITION		Wall, ceiling on or under frame (indoor)		
WEIGHT		5.95 oz (170g)		
APPEARANCE	BODY (ABS RESIN)	White	Silver	Bronze
	WINDOW (PE RESIN)	White	Grey	Grey
ACCESSORIES		<ul style="list-style-type: none"> • Tapping Screw : 2 pcs. • Cover Lock Screw : 1 piece. • Resistor : 1 piece (connect when operated at AC20 to 24V) (82 , 3 W) 		



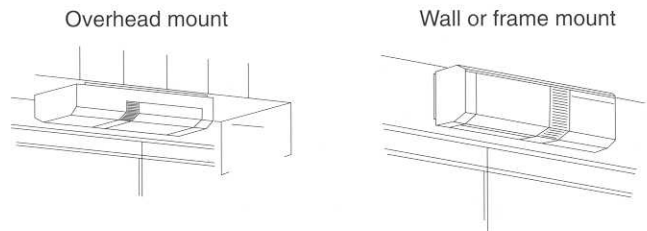
Coverage expands as mounting height is increased. The PS 520 detects the temperature between a human body and the floor. The unit can be precisely set for the detection area desired.

NB Specifications are subject to change without notice.

External Dimension



Installation



PULNiX Sensors, Inc.

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