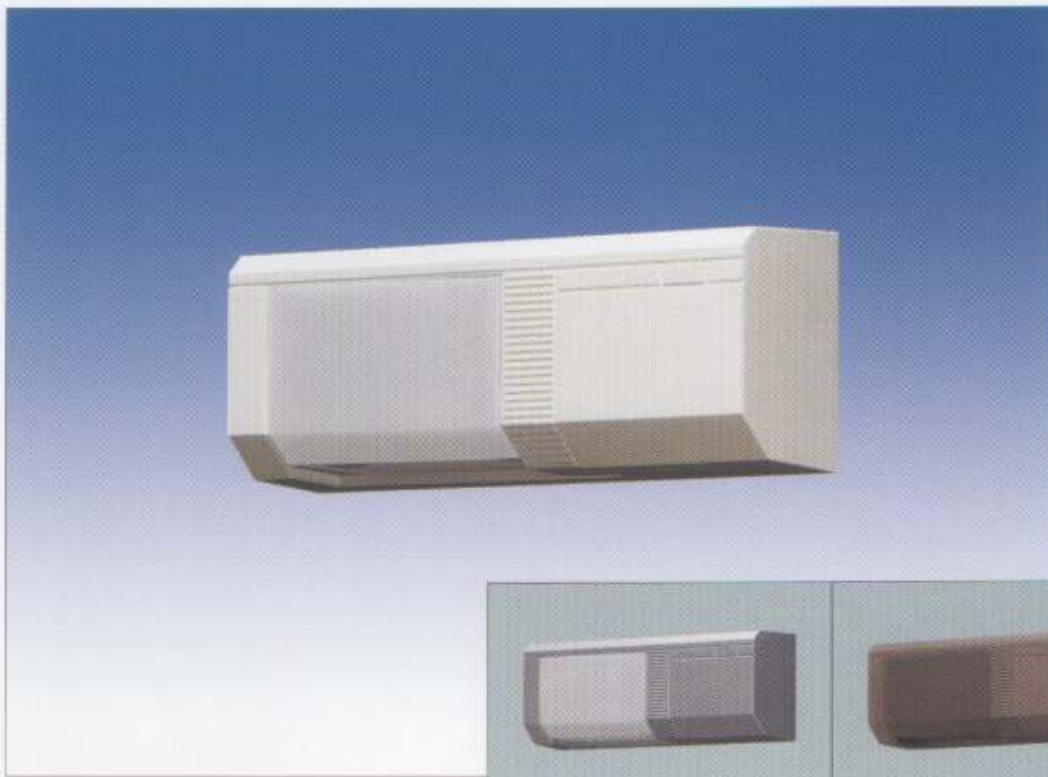


PASSIVE INFRARED SENSOR



PS-520E (White/Silver/Bronze)



Silver

Bronze

Request-to-Exit Sensor

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.

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

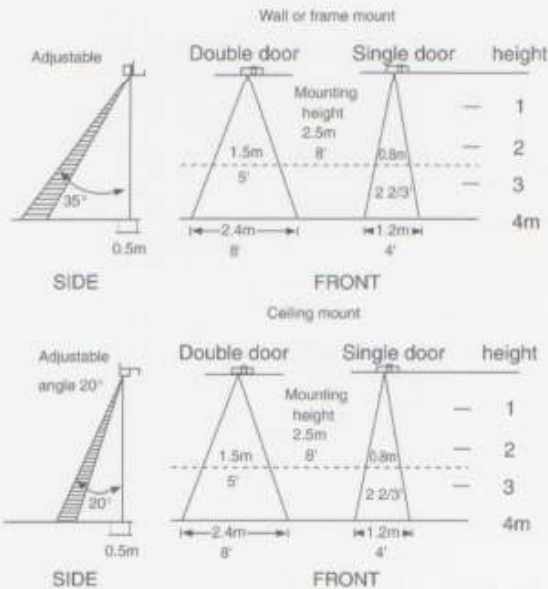
Selectable by DIP Switch.

COMPACT DESIGN IN BRONZE, WHITE OR SILVER

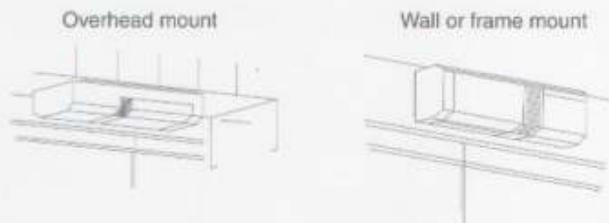
PASSIVE INFRARED SENSOR

DETECTION AREA

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



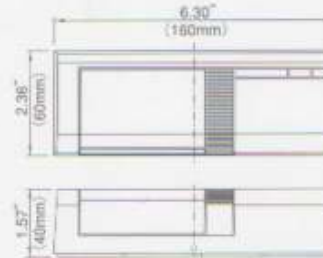
INSTALLATION



The passive infrared sensor is designed to detect infrared energy variations caused by the presence of a human body. Therefore, note that similar variations in conditions in detection area, due to other reasons, may cause the sensor to create an alarm as it is unable to distinguish between sources.

Please note : This sensor is designed to detect intrusion and to initiate an alarm; it is not a burglary-preventing device. PULNiX is not responsible for damage, injury or losses caused by accident, theft, Acts of God (including inductive surge by lightning), abuse, misuse, abnormal usage, faulty installation or improper maintenance.

EXTERNAL DIMENSIONS (Unit:mm)



SPECIFICATIONS

MODEL	PS-520E (W)	PS-520E (S)	PS-520E (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	Dry Contact relay 2'C: One shot Operation Hold time: Adjustable approx. 0.25sec to 60sec Contact capacity: 30V (DC) 1A or less 125V (AC) 0.5A 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	White	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) (B2Q, 3 W) 			

LEAF04-02P17-1

PULNiX

In Japan

Takenaka Engineering Co., Ltd
83-1, Gojo-cho-kan,
Higashino, Yamashina-ku,
Kyoto 607-8156, Japan
Tel : 81-75-501-6651
Fax: 81-75-593-9816
<http://www.takena-eng.co.jp/>

In the U.S.

Pulnix Sensors Inc.
230 E. Caribbean Drive
Sunnyvale,
CA 94088, U.S.A.
Tel : 408-747-0100
Fax: 408-734-1100
<http://www.pulnixsensors.com/>

In Australia

Pulnix Sensors Inc.
Unit 16, 35 Garden Road,
Clayton, Victoria 3168,
Australia
Tel : 03-9546-0533
Fax: 03-9547-9450
<http://www.pulnixsensors.com.au/>

Pulnix Sensors Inc.
Brisbane office : 1/50 Logan
Road, Woolloongabba
Queensland
4102, Australia
Tel : 07-3891-3344
Fax: 07-3891-3355

In the U.K.

Pulnix Europe Ltd.
Pulnix House, Avary Court,
Wade Road, Basingstoke,
Hampshire, RG24 8PE, U.K.
Tel : 01256-475555
Fax: 01256-466268
<http://www.pulnix.co.uk/>