



## ACTIVE INFRARED PRESENCE DETECTION

# IS40P

## MOTION SENSOR



### SUPERIOR COVERAGE

- The IS40P has a maximum mounting height of 16 feet and a detection pattern up to 10' x 10'

### DURABILITY UNDER HARSH CONDITIONS

- The IS40P is immune to subtle door vibrations, light, sun and environmental changes, including rain and snow.
- The IS40p is designed with a NEMA 4 and IP65 rated enclosure..

### DURABILITY UNDER HARSH CONDITIONS

- The **IS40** and **IS40XL** are immune to subtle door vibrations, light, sun and environmental changes, including rain and snow.
- The **IS40** and **IS40XL** are designed with NEMA 4 and IP65 rated enclosures.

### MINIMAL INSTRUCTION AND MAINTENENCE

- Labor-intensive induction loops are replaced with an easy to mount overhead installation. Most adjustments can be performed using the IDC remote control

### SUITABLE FOR MOST APPLICATIONS

- The IS40P is equipped with 9 pre-programmed pattern configurations for various industrial applications.
- Various learn time settings allow presence detection to either remain constant or ignore a motionless object after a pre-determined period of time.

### IS40P INFRARED ZONE



#### Mounting Height

- 8.0'
- 10.0'
- 11.5'
- 13.0'
- 16.0'

### RELATED PRODUCTS



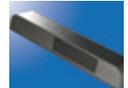
IS40/IS40XL



SuperScan



Falcon



Iris-I



24V AC Transformer



Spotfinder



IDC Remote



HD Bracket



# INDUSTRIAL

Industrial presence sensor providing up to 40 spots of infrared detection

International Door Closers, Inc.

COPYRIGHT 2018 INTERNATIONAL DOOR CLOSERS, INC

West: 800-544-4422 • East: 800-225-6737

[www.intldoorclosers.com](http://www.intldoorclosers.com)

## SPECIFICATIONS

### TECHNOLOGY

**INFRARED**

### DETECTION MODE

**PRESENCE**

### OUTPUT HOLD TIME

0.5 seconds

### REACTION TIME

250 ms

### TILT ANGLE

15° to 45°

(relative to front face of sensor)

### LED INDICATOR

Red (infrared)

### RADIATED FREQUENCY

875 nm

### RADIATED POWER DENSITY

< 250 mW/m<sup>2</sup>

### MINIMUM TARGET SPEED

0 in/s (0 cm/s)

### MOUNTING HEIGHT

8' to 16'

### LEARN TIME

30 seconds to infinite (no learn)

### DETECTION FIELD

Up to 10' x 10'

### SUPPLY VOLTAGE

12 to 24 VAC; ±10%

12 to 24 VDC; +30% / -5%

### MAIN FREQUENCY

50 to 60 Hz

### POWER CONSUMPTION

< 2 W

### RELAY OUTPUT

2 Relays with switch-over contact (voltage free)

#### MAX. VOLTAGE

60 VDC / 125 VAC

#### MAX. CURRENT

1 A (resistive)

#### MAX. SWITCHING POWER

30 W (DC) / 60 VA (AC)

### TEMPERATURE RANGE

-22°F to 140°F (-30°C to 60°C)

### PROTECTION DEGREE

NEMA 4 & IP65

### NORM CONFORMITY

Electromagnetic compatibility (EMC) according to 2004/108/EEC, R&TTE: 1999/5/EC

### DIMENSIONS (D×W×H)

5 in × 4 in × 3.75 in

(127 mm × 102 mm × 96 mm)

### ENCLOSURE MATERIAL / COLOR

ABS / Black

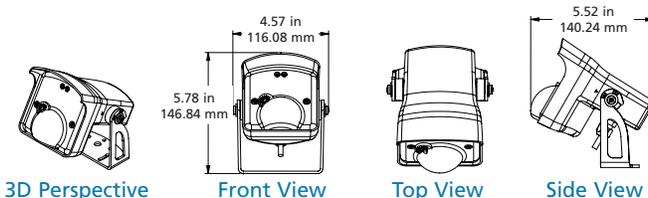
### FACE MATERIAL / COLOR

Polycarbonate / Purple

### CABLE LENGTH

32 ft (10 m)

## DIMENSIONAL DRAWINGS



## APPLICATIONS



### ■ USING 40 SPOTS OF DETECTION

The IS40P can prevent a door from closing on an object at rest or can be used to activate a signal light.



### ■ INFRARED PRESENCE DETECTION

Detects when an object is too close to a wall or occupying a space



### ■ EASY OVERHEAD INSTALLATION

Eliminates labor intensive induction loops

**International Door Closers, Inc.**

COPYRIGHT 2018 INTERNATIONAL DOOR CLOSERS, INC

**West: 800-544-4422 • East: 800-225-6737**

**www.intldoorclosers.com**