



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



INDUSTRIAL

Industrial presence sensor providing up to 40 spots of infrared detection

International Door Closers, Inc.

COPYRIGHT 2017 INTERNATIONAL DOOR CLOSERS, INC

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

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/m²

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

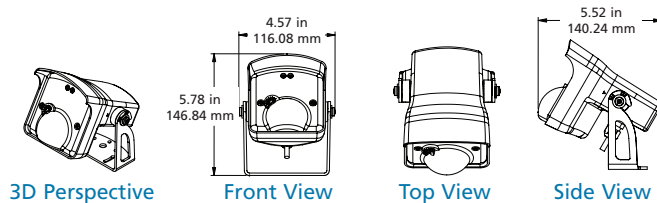
FACE MATERIAL / COLOR

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 2017 INTERNATIONAL DOOR CLOSERS, INC

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

www.intldoorclosers.com