

# IS40P INDUSTRIAL

Industrial presence sensor  
providing up to 40 spots  
of infrared detection



**Innovation**  
**Quality**  
**Service**

#### **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.

#### **Minimal Installation and Maintenance**

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

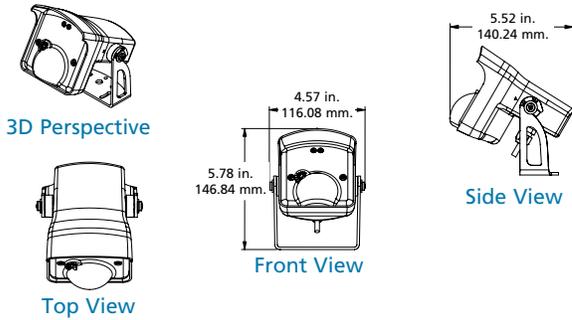
[WWW.BEASENSORS.COM](http://WWW.BEASENSORS.COM)

# IS40P

## INDUSTRIAL

Industrial presence sensor providing up to 40 spots of infrared detection

### 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

### TECHNICAL SPECS

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 (DxWxH)  
5 in x 4 in x 3.75 in  
(127 mm x 102 mm x 96 mm)

ENCLOSURE MATERIAL / COLOR  
ABS / Black

FACE MATERIAL / COLOR  
Polycarbonate / Purple

CABLE LENGTH  
32 ft (10 m)

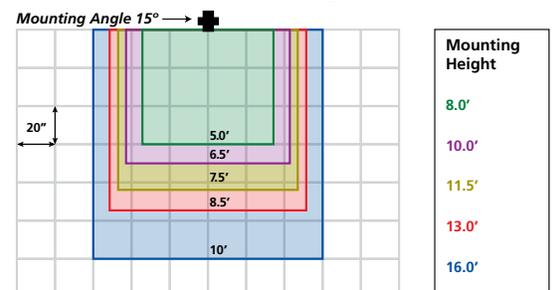
### IS40P COMPONENTS



- 1 IR LENS
- 2 LED Indicators
- 3 Sensor Angle Adjustment
- 4 Mounting Bracket

### IS40P INFRARED ZONE

IS40P Detection Zones At Various Heights



### RELATED PRODUCTS



IS40/IS40XL SuperScan Falcon Iris-I



24V AC Transformer Spotfinder BEA Remote HD Bracket

### CONTACT INFORMATION

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