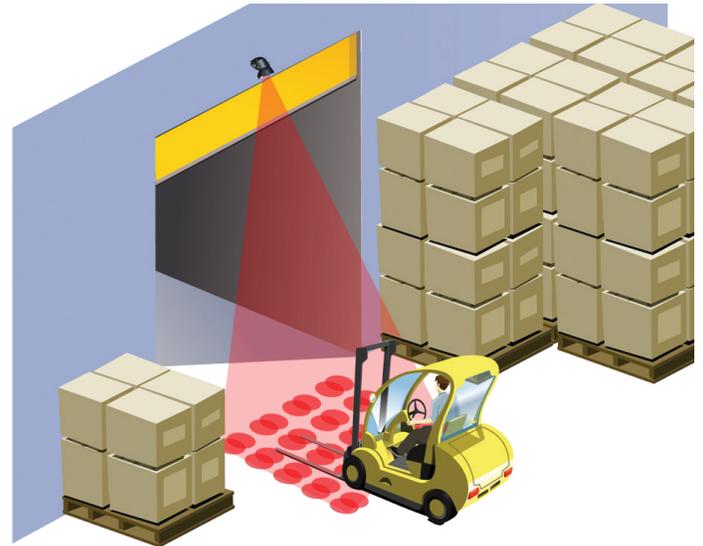


# IS40P

## PRESENCE SENSOR WITH VIRTUAL LOOP FUNCTIONALITY



### PRIMARY APPLICATIONS



### DESCRIPTION

BEA's IS40P is an infrared presence sensor designed for use in industrial applications. This sensor utilizes 40 active infrared spots for reliable presence detection.

The IS40P is ideal for use on automatic industrial doors, vehicle gates/barriers, loading docks and other applications where presence detection is required. It can be mounted from 96 to 192 inches (8 ft – 16 ft) to fit most industrial applications.

Its rugged NEMA 4 rated enclosure will withstand harsh environments and is capable of preventing damage caused by dust, rain and hose-directed water.

### FEATURES & BENEFITS

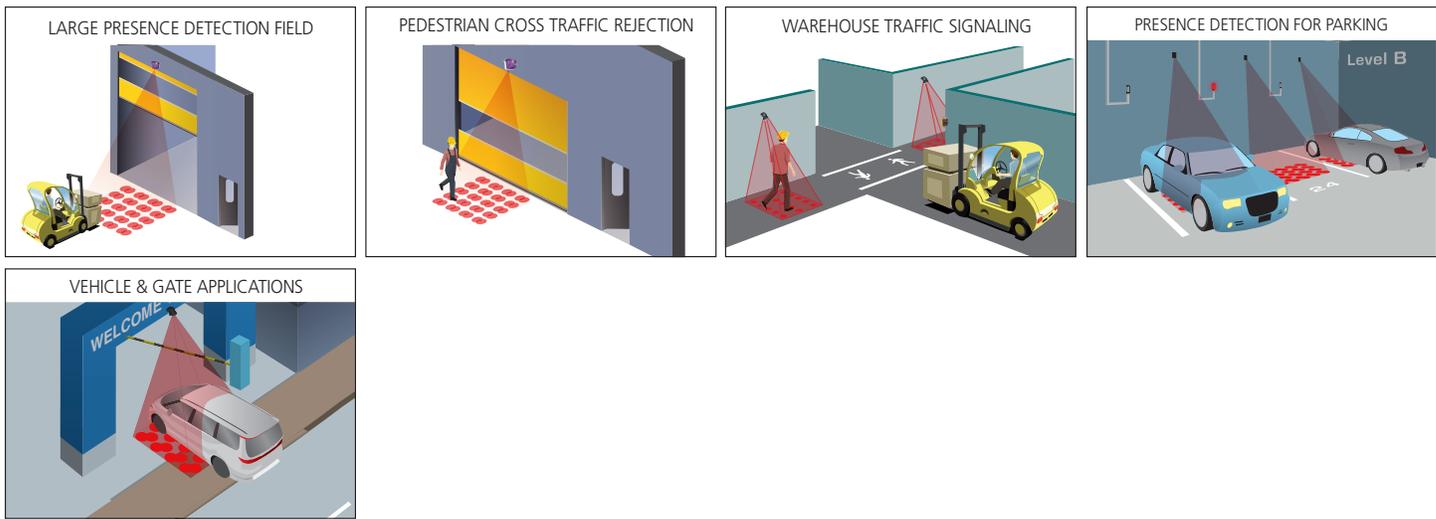
- Nine unique infrared patterns capable of highly flexible presence detection in any industrial environment
- Up to seven object target sizes
- Remote control programming enables user to quickly and safely make changes from the ground (sold separately)
- Adjustable infrared immunity modes mitigate environmental disturbances such as subtle door vibrations, light and sun
- Adjustable learn time option of 30 seconds to infinity (no learn)



BEA, Inc.  
RIDC Park West  
100 Enterprise Drive  
Pittsburgh, PA 15275-1213

Customer Service: 800.523.2462  
Technical Support: 800.407.4545  
[www.BEAinc.com](http://www.BEAinc.com)

## APPLICATIONS

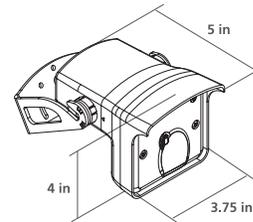


## TECHNICAL SPECIFICATIONS

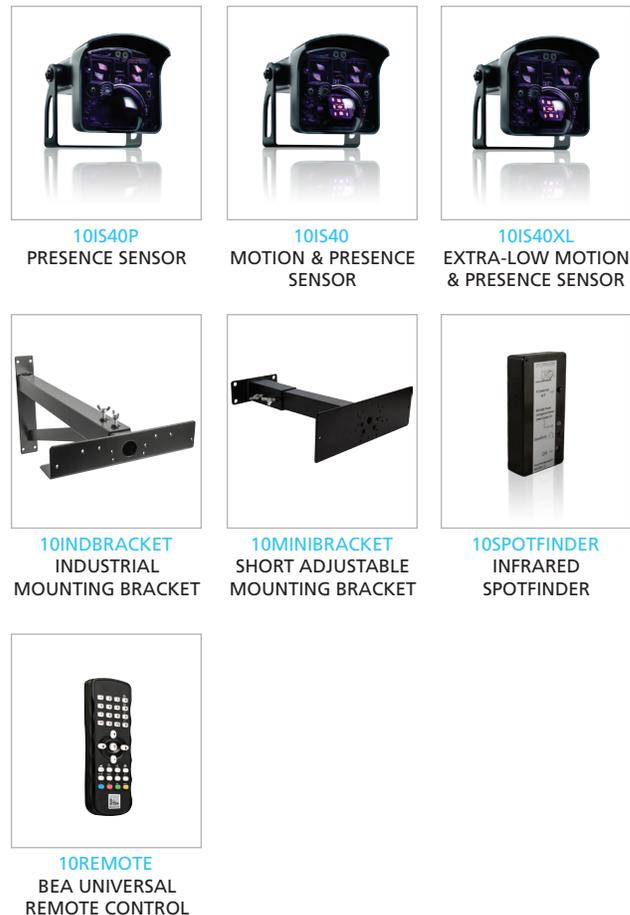
<b>Technology</b>	Active Infrared
<b>Detection Mode</b>	Presence
<b>Mains Frequency</b>	50 – 60 Hz
<b>Power Consumption</b>	< 3.5 W
<b>Relay Output</b>	2 Relays (free of potential change-over contact)
Max. Contact Voltage	42 VAC / VDC
Max. Contact Current	1 A (resistive)
Max. Switching Power	30 W (DC) / 48 VA (AC)
<b>Supply Voltage</b>	12 – 24 VAC ±10% 12 – 24 VDC 10% / –3%
<b>Temperature Range</b>	–22 °F – 140 °F
<b>Tilt Angle</b>	15° – 45°
<b>LED Signal</b>	Red (Presence Relay), Green (indicator)
<b>Transmitter Frequency / Wavelength</b>	875 nm
<b>Transmitter Power Density</b>	< 250 mW / m <sup>2</sup>
<b>Detection Field</b>	10 ft × 10 ft @ max. mounting height of 16 ft (emitting spots*)
<b>Output Hold Time</b>	0.5 s
<b>Min. Detection Speed</b>	0 in / s to activate detection
<b>Reaction Time</b>	250 ms
<b>Mounting Height</b>	96 in – 192 in (8 ft – 16 ft)
<b>Humidity</b>	0 – 95% non-condensing
<b>Weight</b>	14 oz
<b>Dimensions</b>	3.8 in (W) × 4 in (H) × 5 in (D)
<b>Material</b>	ABS & Polycarbonate
<b>Cable Length</b>	32 ft (9.75 m)
<b>Degree of Protection</b>	NEMA 4 / IP65
<b>Norm Conformance</b>	EMC: 2004 / 108 / EEC R&TTE: 1999 / 5 / EC

\*Zone detected by Spotfinder, i.e. slightly larger than actual detection field

## DIMENSIONAL DRAWINGS



## RELATED PRODUCTS



www.BEAinc.com

© 2017 BEA, Inc. All rights reserved.

IS40P

PRESENCE SENSOR WITH VIRTUAL LOOP FUNCTIONALITY

BEA, Inc.  
RIDC Park West  
100 Enterprise Drive  
Pittsburgh, PA 15275-1213

Customer Service: 800.523.2462  
Technical Support: 800.407.4545

