



# IS40P

PRESENCE SENSOR WITH VIRTUAL LOOP FUNCTIONALITY



## VIDEO



[Watch the product video](#)

## TECHNOLOGY



## CERTIFICATIONS

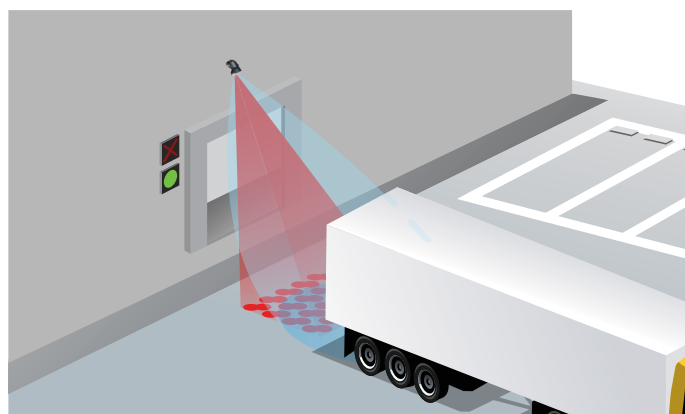


## DESCRIPTION

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, vehicles gates / barriers, loading docks and other applications where presence detection is required. It can be mounted from 8 feet to 16 feet to fit most industrial applications.

Its rugged IP65 rated enclosure can withstand harsh environments and is capable of preventing damage caused by dust, rain and hose-directed water.



## Adjustable Learn Time

Nine unique infrared patterns capable of highly flexible presence detection in any industrial environment

## Reduce False Detections

Six modes of detection filtering are available for microwave immunity, as well as pedestrian and parallel traffic rejection

## Programmable Via Remote

Remote control programming enables user to quickly and safely make changes from the ground (sold separately)

## Easy To Program

Adjustable infrared immunity modes mitigate environmental disturbances such as subtle door vibrations, light, sun, rain and snow

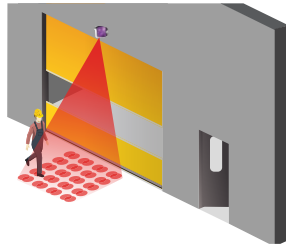
## Adjustable Learn Time

Nine unique infrared patterns capable of highly flexible presence detection in any industrial environment

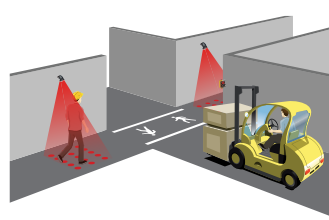
## APPLICATIONS



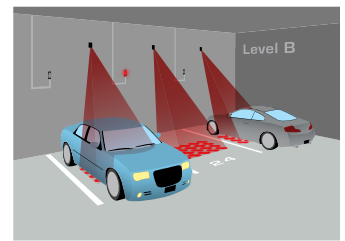
Large Presence Detection Field



Pedestrian Cross Traffic Rejection



Warehouse Traffic Signaling



Presence Detection For Parking



Vehicle & Gate 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>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; $\pm 10\%$ 12 – 24 VDC; 10% / -3%
<b>Temperature Range</b>	-22 – 140 °F
<b>Tilt Angle</b>	15 – 45°
<b>Transmitter Frequency / Wavelength</b>	875 nm
<b>Transmitter Power Density</b>	< 250 mW / m <sup>2</sup>
<b>Detection Field</b>	10' x 10' @ max. mounting height of 16' (*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>	8 – 16'
<b>Humidity</b>	0 – 95% non-condensing
<b>Weight</b>	14 oz
<b>Dimensions</b>	3 7/8" (W) x 4" (H) x 5" (D)
<b>Material</b>	ABS & Polycarbonate
<b>Cable Length</b>	32'
<b>Degree of Protection</b>	IP65
<b>Norm Conformity</b>	EMC: 2004 / 108 / EC R&TTE: 1999 / 5 / EC

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

## PRODUCT SERIES



**10IS40P**  
Presence sensor



**10IS40**  
Motion & presence sensor



**10IS40XL**  
Extra-low motion & presence sensor



**10INDBRACKET**  
Industrial mounting bracket



**10MINIBRACKET**  
Short adjustable mounting bracket



**10SPOTFINDER**  
Infrared spotfinder



**10REMOTE**  
BEA universal remote control

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