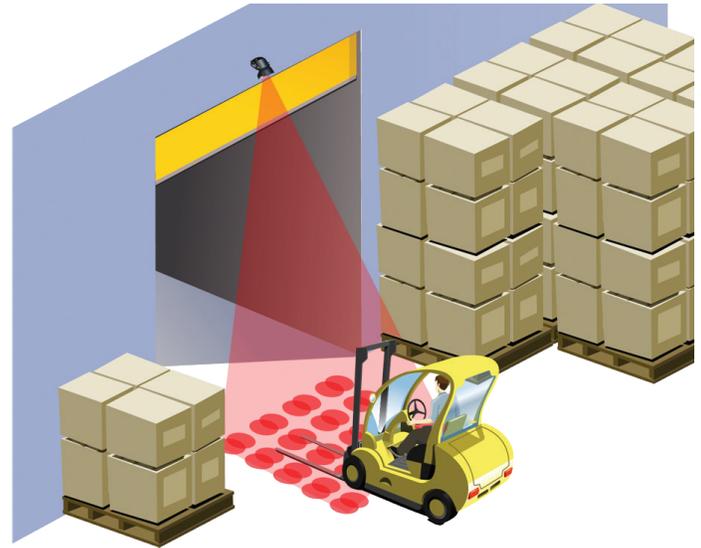


# IS40P

## PRESENCE SENSOR WITH VIRTUAL LOOP FUNCTIONALITY



### PRIMARY APPLICATIONS



### DESCRIPTION

BEA's IS40P is an infrared presence sensor for industrial applications. This sensor utilizes 40 active infrared spots for reliable presence detection. The standard IS40P can be mounted from 96 to 192 inches (8 ft - 16 ft) to fit most industrial application.

The IS40P is for automatic industrial doors, vehicle gates/barriers, vehicle detection, loading docks or any other industrial application where presence detection is required.

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

### FEATURES & BENEFITS

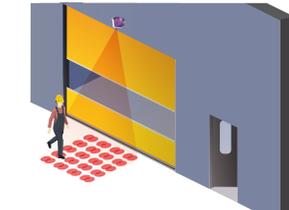
- Nine unique infrared patterns capable of highly flexible presence detection in any industrial environment
- Up to seven minimum object target sizes allow the user to detect objects of various desired sizes
- Remote control programming enables user to quickly and safely make changes from the ground
- Adjustable infrared immunity modes help to mitigate environmental disturbances such as subtle door vibrations, light, sun, rain and snow
- NEMA 4 rated enclosure
- Adjustable learn time option of 30 seconds to infinity (no learn)

## APPLICATIONS

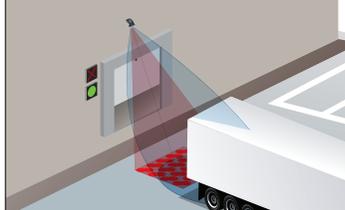
PRESENCE DETECTION UP TO 192 INCHES



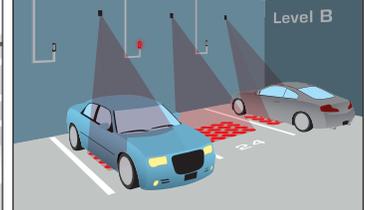
PEDESTRIAN CROSS TRAFFIC REJECTION



40 IR SPOTS ACCURATELY TRIGGER SIGNALS



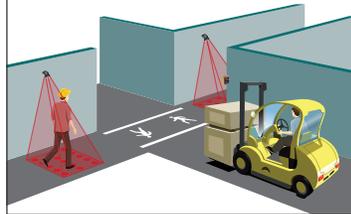
PRESENCE DETECTION FOR PARKING AVAILABILITY



VEHICLE & GATE APPLICATIONS



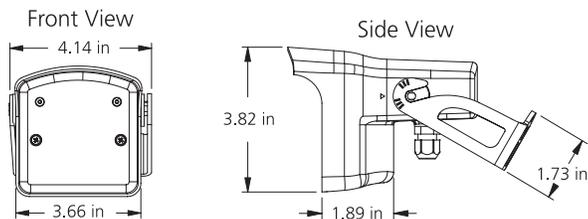
WAREHOUSE TRAFFIC SIGNALING



## TECHNICAL SPECIFICATIONS

Technology	Active Infrared
Detection Mode	Presence
Mains 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	1A (resistive)
Max. Switching Power	30W (DC) / 60VA (AC)
Supply Voltage	12 to 24 VAC ±10% 12 to 24 VDC +30% / -5%
Temperature Range	-22°F to +140°F
Radar Angle / Sensor Angle	15°, 30°, 45°
Sensor Tilt Angle	15° to 45°
LED Signal	Red (Presence Relay), Green (indicator)
Radiated Frequency	875 nm
Radiated Power Density	< 250 mW/m <sup>2</sup>
Max. Detection Field	120 in × 120 in
Output Hold Time	0.5 s - 9 s (activation relay) 0.5 s (presence relay)
Minimum Target Speed	0 in/s
Installation Height	96 in - 192 in (8 ft - 16 ft)
Dimensions (D×W×H)	5 in × 4 in × 3.75 in
Material: Housing / Face	Black / Transparent Purple
Cable Length	384 in (30 ft)
Degree of Protection	NEMA 4 / IP65
Norm Conformance	Electromagnetic compatibility (EMC) according to 2004/108/EEC, R&TTE: 1999/5/EC

## DIMENSIONAL DRAWINGS



## PRODUCT FAMILY



**10IS40P**  
PRESENCE SENSOR

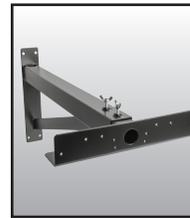


**10IS40**  
MOTION & PRESENCE  
SENSOR



**10IS40XL**  
EXTRA-LOW MOTION  
& PRESENCE SENSOR

## ACCESSORIES



**10INDBRACKET**  
INDUSTRIAL  
MOUNTING BRACKET



**10MINIBRACKET**  
SHORT ADJUSTABLE  
MOUNTING BRACKET



**10SPOTFINDER**  
INFRARED  
SPOTFINDER



**10REMOTE**  
BEA UNIVERSAL  
REMOTE CONTROL

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**IS40P**

PRESENCE SENSOR WITH VIRTUAL LOOP FUNCTIONALITY

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**BEA**  
A HALMA COMPANY