IS40P

PRESENCE SENSOR WITH VIRTUAL LOOP FUNCTIONALITY



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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.





Customizable Patterns

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

Reduce False Detections

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

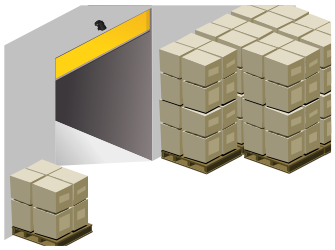
Programmable Via Remote

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

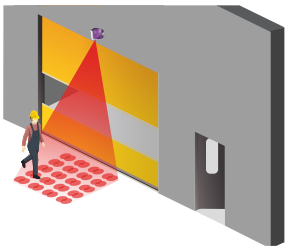
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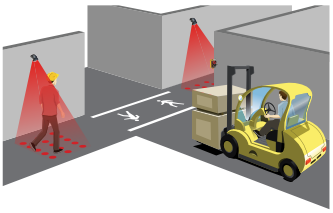
APPLICATIONS



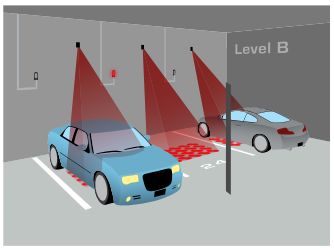
Large Presence Detection Field



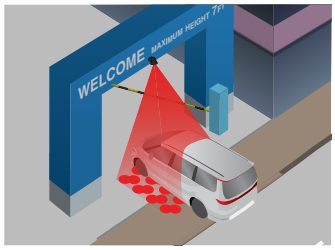
Pedestrian Cross Traffic Rejection



Warehouse Traffic Signaling



Presence Detection For Parking



Vehicle & Gate Applications

TECHNICAL SPECIFICATIONS

Technology	Active Infrared
Detection Mode	Presence
Mains Frequency	50 – 60 Hz
Power Consumption	< 3.5 W
Output	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)
Supply Voltage	12 – 24 VAC; ±10% 12 – 24 VDC; 10% / -3%
Temperature Range	-22 – 140 °F
Tilt Angle	15 – 45°
Transmitter Frequency / Wavelength	875 nm
Transmitter Power Density	< 250 mW / m²
Detection Field	10′ × 10′ @ max. mounting height of 16′ (*emitting spots)
Output Hold Time	0.5 s
Min. Detection Speed	0 in / s to activate detection
Reaction Time	250 ms
Mounting Height	8 – 16′
Humidity	0 – 95% non-condensing
Weight	14 oz
Dimensions	3 4/5″ (W) × 4″ (H) × 5″ (D)
Material	ABS & Polycarbonate
Cable Length	32′
Degree of Protection	IP65
Norm Conformity	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



10INDBRACKET
Industrial mounting bracket



10MINIBRACKET
Short adjustable mounting bracket



10WBA
Universal mounting bracket arm



10WBAMOUNT
Universal mounting bracket plate



10SPOTFINDER
Infrared spotfinder



10REMOTE
BEA universal remote control