



IS40P

PRESENCE SENSOR WITH VIRTUAL LOOP FUNCTIONALITY

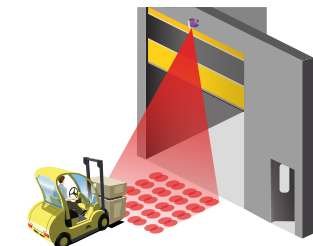
DESCRIPTION

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.

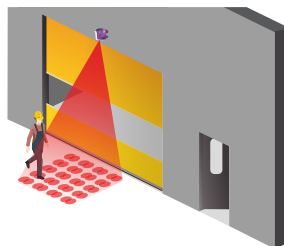
The **IS40P** is ideal for use on automatic industrial doors, vehicles gates / barriers, loading docks and other applications where presence detection is required. It can be mounted from 8 feet to 16 feet to fit most industrial applications.

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

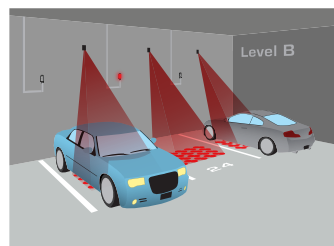
APPLICATIONS



Large Presence Detection Field



Pedestrian Cross Traffic Rejection



Presence Detection For Parking



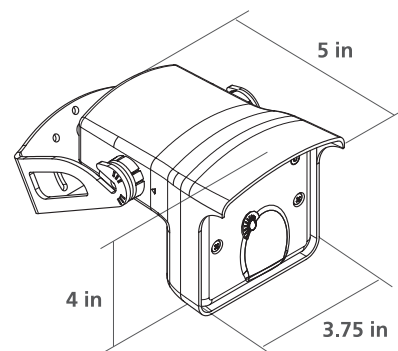
Vehicle & Gate Applications



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; $\pm 10\%$ 12 – 24 VDC; 10% / -3% |
| Temperature Range | -22 – 140 °F |
| Tilt Angle | 15 – 45° |
| Transmitter Frequency / Wavelength | 875 nm |
| Transmitter Power Density | < 250 mW / m ² |
| Detection Field | 10' x 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 1/2" (W) x 4" (H) x 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



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