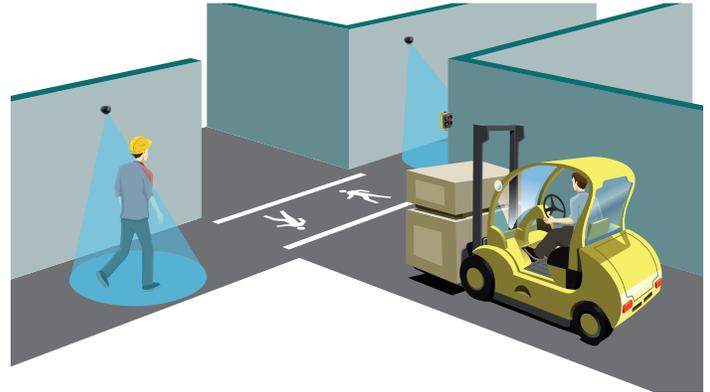


COLIBRI ONE

UNIDIRECTIONAL MOTION SENSOR FOR OFF-DOOR APPLICATIONS



PRIMARY APPLICATIONS



DESCRIPTION

BEA's Colibri One is a motion sensor designed for the detection of pedestrians, slow moving vehicles and other objects in motion.

Colibri One has the sensitivity to detect objects moving as slow as 2 in / s; and its compact size makes it a perfect motion detector for any commercial or industrial application, both indoor and outdoor.

Along with common pedestrian and industrial applications, this sensor has been used in custom mass transit configurations on trains and buses.

FEATURES & BENEFITS

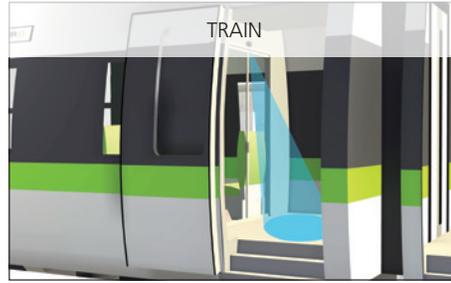
- Adjustable sensitivity settings for creation of customized sensing patterns
- Lateral angle adjustment for ceiling, wall and low level mount versatility
- Compact size provides flexibility in mounting
- Pairs with LED Signal Lights for warning indication applications



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

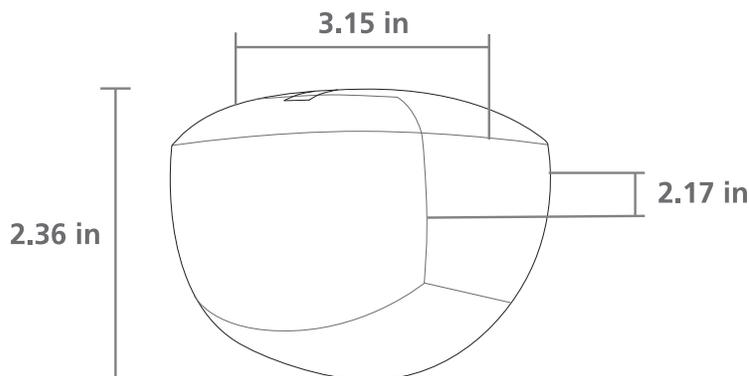
APPLICATIONS



TECHNICAL SPECIFICATIONS

Technology	Microwave Doppler Radar
Detection Mode	Motion
Transmitter Frequency	24.150 GHz
Transmitter Radiated Power	< 20 dBm EIRP
Transmitter Power Density	< 5 mW / cm ²
Min. Detection Speed	2 in / s (measured in sensor axis)
Supply Voltage	12 – 24 VDC 30% / –10%
Mains Frequency	50 – 60 Hz
Max. Power Consumption	< 2 W
Output	Solid-state-relay (free of potential change-over contact)
Max. Contact Current	100 mA
Max. Contact Voltage	35 VDC / 24 VAC
Mounting Height	72 in – 120 in (6 ft – 10 ft)
Degree of Protection	IP54
Temperature Range	–4 °F – 131 °F
Dimensions	3.15 in (W) x 2.36 in (H) x 2.17 in (D)
Tilt Angles	0° – 90° vertical; –30° – 30° lateral
Material	ABS & polycarbonate
Weight	5 oz
Cable Length	96 in (8 ft)
Norm Conformance	R&TTE 1999 / 5 / EC; EMC 2004 / 108 / EC

DIMENSIONAL DRAWINGS



RELATED PRODUCTS



10COLIBRI
MOTION SENSOR



10BR3
PROGRAMMABLE
3-RELAY
LOGIC MODULE



1024VAC
24 VAC
TRANSFORMER WITH
MOUNTING FEET

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