

Bluetooth Passive Infrared sensor

GEBC

SPECIFICATION

The SK701P-BLE-GE mounts in an outdoor lighting fixture and provides multi-level control based on motion and/or daylight contribution. It controls 0-10 VDC LED drivers or dimming ballasts, and is rated for wet and cold locations. All control parameters are adjustable via a wireless configuration tool capable of storing.

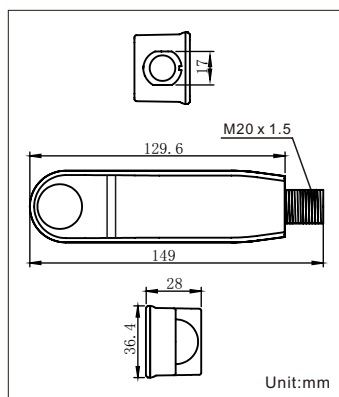
OVERVIEW

- PIR sensor.
- Bluetooth® SIG mesh.
- High-End Trim, Zoning, Continuous Bi-level Dimming.
- LED Motion indicator.
- Mounting height up to 7m.
- 360° coverage pattern.
- Technology Partner GEBC.



FEATURES AND BENEFITS

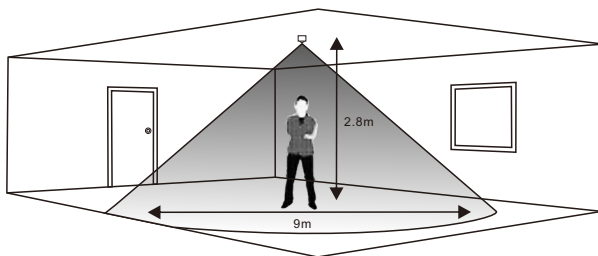
- Bluetooth to 0-10V signal converter, Bluetooth® mesh network.
- Built-in 20mA 0-10V signal output.
- Mesh network, which has a much longer control distance, transmits received signals to neighboring devices.
- All devices on 0-10V line are broadcast controlled by mobile application.
- In typical outdoor environment, the typical range for wireless communication is 164ft(50m).
- Actual range is dependent on field installation.
- Available "RC-100" remote reset (press "RESET"+" ON/OFF" buttons in sequence).
- On-board antenna.



TECHNICAL DATA

Motion Sensing	Passive infrared sensor
Input Power	220-240VAC, 50/60Hz
Control Output	0-10V, max 25mA sinking current
Maximum load	2 Amps fluorescent and incandescent lighting. 2 Amps compact fluorescent lighting. 2 Amps low energy lighting. 2 Amps low voltage lighting (switch primary of transformer). Switch SON lighting loads via a contactor.
Detection angle	360°
Mounting height	Max. 7m
Operating temperature	-20°C ~ +60°C
Max Bluetooth Range	164ft(50m)
IP Rating	65
Warranty	5 years

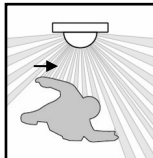
DETECTION DIAGRAM



Note: illustration shows an average of the walk across and walk towards figures below.

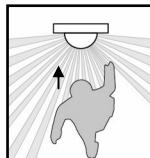
Area of high sensitivity Area of lower sensitivity

Walk across



Height	Range Diameter
7m	16m
2.8m	9m

Walk towards



Height	Range Diameter
7m	10m
2.8m	5m

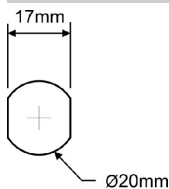
INSTALLATION

Do not grip unit at the lens end. Hold the square body near the threaded end when installing and tightening the nut. Care must be taken to prevent damage to the lens and surrounding IP seal.

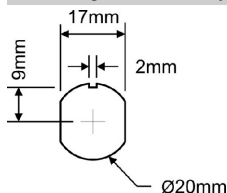
Components

Part	Quantity Supplied
Silicone washer	2
5° washer	1
5° spacer	1
M20 nut	1

Mounting hole without key

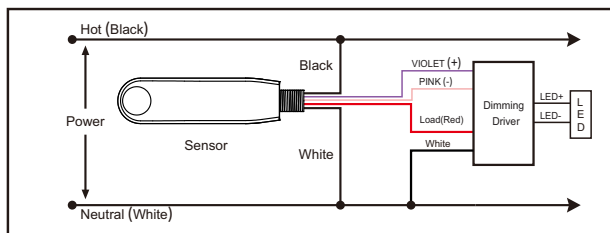


Mounting hole with key



Note. Key to be at top of sensor.

Wiring



ORDERING INFORMATION

SK701P-BLE-GE

Bluetooth Passive Infrared sensor