

PROJECT

TYPE

CATALOG #



The ANT-5-4T-BLE-GE uses microwave motion detector and Bluetooth technology to improve detection coverage and controllability for high bay applications.

OVERVIEW

- Microwave sensor.
- Bluetooth® SIG mesh.
- High-End Trim, Zoning, Continuous Bi-level Dimming.
- LED Motion indicator.
- Mounting height up to Max 40ft (12m).
- 360° coverage pattern.
- Low Voltage Connector.
- Connector type: 3.5mm low-voltage audio jack.
- Mounts via G1/2 threaded base.
- **Warranty:** 5 years. Full terms at www.bluezonelc.com/warranty.
- **Factory Reset:** Remote reset-press "RESET" buttons (Remote control sold separately).

SENSOR DETECTION COVERAGE

Mounting Height (ft)	Max Coverage Diameter (ft)
10'	10'
20'	20'
30'	30'
40'	40'

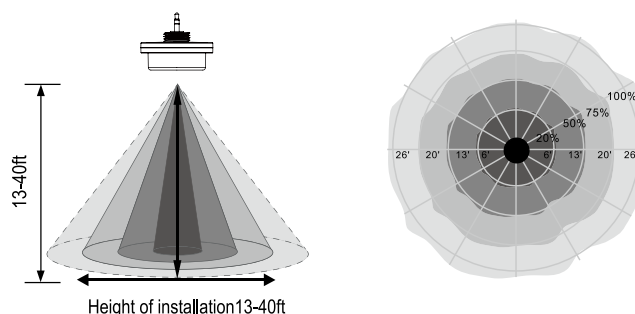
ORDERING INFORMATION

Part Number	Description
ANT-5-4T-BLE-GE	Bluetooth Microwave Fixture Sensor, 3.5mm jack, Translucent White



FEATURES AND BENEFITS

- Bluetooth to 0-10V signal converter, Bluetooth® mesh network.
- Mesh network, offering extended control distance through device-to-device signal relay.
- Broadcast control of all 0-10V line devices via mobile application.
- In typical unobstructed environments, the wireless communication range is approximately 200ft (60m). The actual range may vary based on the installation conditions.
- Standard magnetic reset (Touch the side part of sensor for 5 seconds) and remote reset (Press "RESET"+" ON/OFF" buttons in sequence).
- On-board antenna.
- Pair devices, form groups, establish scenes and schedules, and modify high-trim/dim levels using the Bluezone mobile app available on IOS and Android.
- No gateway or hub required - direct mobile app control.
- Individual address ability and grouping capability.
- Offers multi-level dimming: Manual ON/OFF, Automatic ON/OFF, and Automatic Partial ON/OFF.
- Scene creation and time-clock scheduling for individual lights, groups, or scenes.
- High-Trim / Tuning allows setting the maximum light level for each space.
- AES 128-bit encryption with secure commissioning.



SENSOR SETTINGS

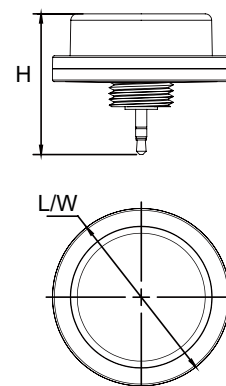
Setting	Range/Default	Setting	Range/Default
Default Sensitivity	100%	Daylight Harvesting	ON/OFF (app configurable)
Hold Time (Occupied)	0-59 minutes	Daylight Threshold	0-1500 lux
Second Time Delay (Dim Hold)	0-59 minutes /infinite	Sensing Type	Occupancy or Vacancy
Brightness when Triggered	1-100% (default 100%)	Detection Horizontal Pattern	360°
Standby Dim Level	1-100% (default 30%)	Detection Range @40ft mount	Up to 40ft diameter
Vacant Action	Off or On at Dim Level		

TECHNICAL DATA

Parameter	Specification	Parameter	Specification
Motion Sensor	Microwave Sensor	Warranty	5 years
Input Power	12-24VDC, max 50mA	Weight	0.988 oz (28g)
Control Output	0-10V, max 25mA sinking current	Color / Finish	Translucent
HF System	5.8GHz ± 75MHz	Enclosure Material	Polycarbonate
Transmission Power	<0.2mW	Wireless Standard	Bluetooth SIG Mesh / BLE 5.0
Mounting Height	40ft (12m) Max.	Mesh Range (node-to-node / commissioning)	100ft/50ft
Detection Angle	360°	Encryption	AES 128-bit
Operating Temperature	-40°F~+158°F(-40°C~+70°C)	Mobile App	Bluezone App (IOS /Android)
IP Rating	IP65	Gateway Required	Optional
Max Bluetooth Range	200ft (60m)		

COMPLIANCE & CERTIFICATIONS

Item	Status / Reference
Safety Listing	cULus Listed E535359
DLC NLC Qualified	pending
FCC	Complies with Part 15B of FCC Rules - FCC ID: 2AVMOANT-5-X-BLE
Bluetooth Qualification (BQB)	pending
Cybersecurity	ISO 27001, ISO 27017, CSA STAR & ioXt



L (in)	W (in)	H (in)
2.17	2.17	1.72