



HYTRONIK HC005S/BT Built-in Microwave Motion Sensor with Bluetooth 5.0 SIG Mesh ON/OFF Control Instruction Manual

[Home](#) » [HYTRONIK](#) » HYTRONIK HC005S/BT Built-in Microwave Motion Sensor with Bluetooth 5.0 SIG Mesh ON/OFF Control Instruction Manual 

Contents

- [1 HYTRONIK HC005S/BT Built-in Microwave Motion Sensor with Bluetooth 5.0 SIG Mesh ON/OFF Control](#)
- [2 Technical Specifications](#)
- [3 Download the App](#)
- [4 Installation](#)
- [5 Wire Preparation](#)
- [6 Wiring Diagram](#)
- [7 Optional accessory: Reinforced Bluetooth antenna](#)
- [8 Detection Pattern](#)
- [9 Additional Information / Documents](#)
- [10 Documents / Resources](#)
- [11 Related Posts](#)

HYTRONIK®

HYTRONIK HC005S/BT Built-in Microwave Motion Sensor with Bluetooth 5.0 SIG Mesh ON/OFF Control



Technical Specifications

Operation frequency	2.4 GHz – 2.483 GHz
Transmission power	4 dBm
Range (Typical indoor)	10~30m
Protocol	5.0 SIG Mesh
Operating voltage	220~240VAC 50/60Hz
Stand-by power	<1W
Load ratings	300VA(capacitive),400W(resistive)
Warming-up	20s
Sensor principle	High Frequency (microwave)
Detection range (Max.)*	Max installation height: 6m Max detection range 10m (diameter)
Detection angle	30°~150°
Operation temperature	Ta:-20OC~+50OC
Case temperature(MAX.)	Tc:+75°
IP rating	IP20
EMC standard (EMC)	EN55015, EN61000, EN61547
Safety standard (LVD)	EN60669-1/-2-1 AS/NZS60669-1/-2-1
RED	EN300328, EN301489-1/-17,EN62479,
Certification	Semko,CB, CE , EMC, RED, RCM,UKCA

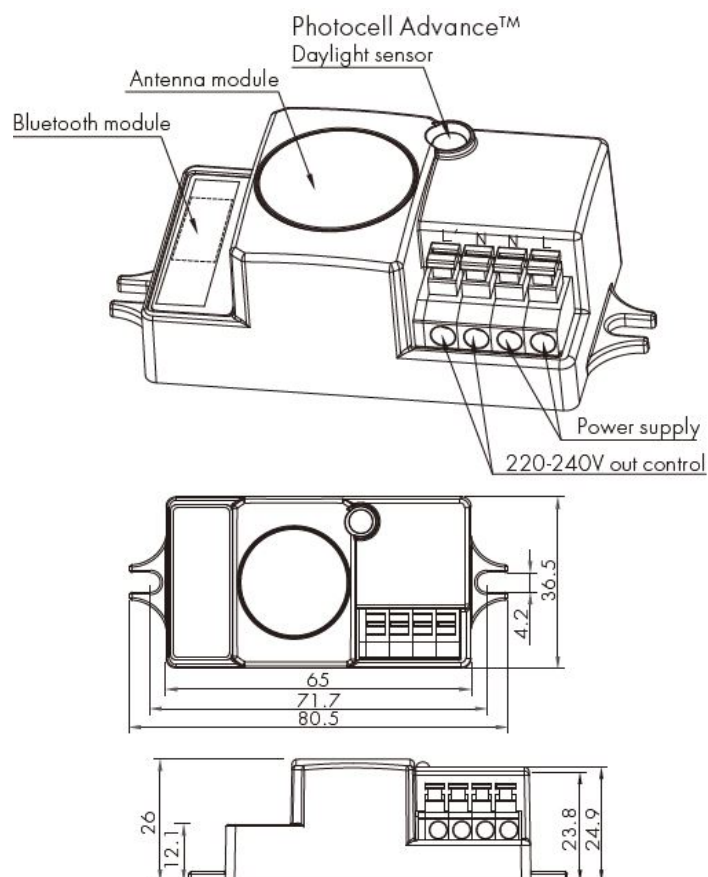
Download the App

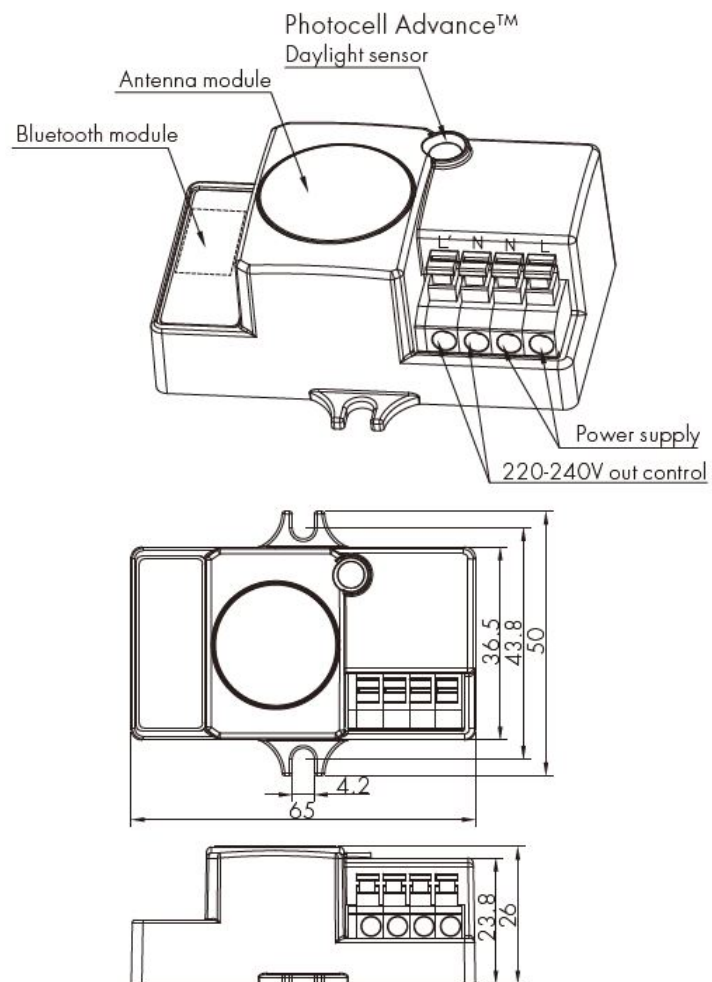
Free App for set-up and commissioning



Installation

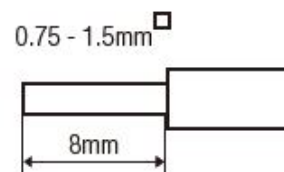
Mechanical Structure & Dimensions



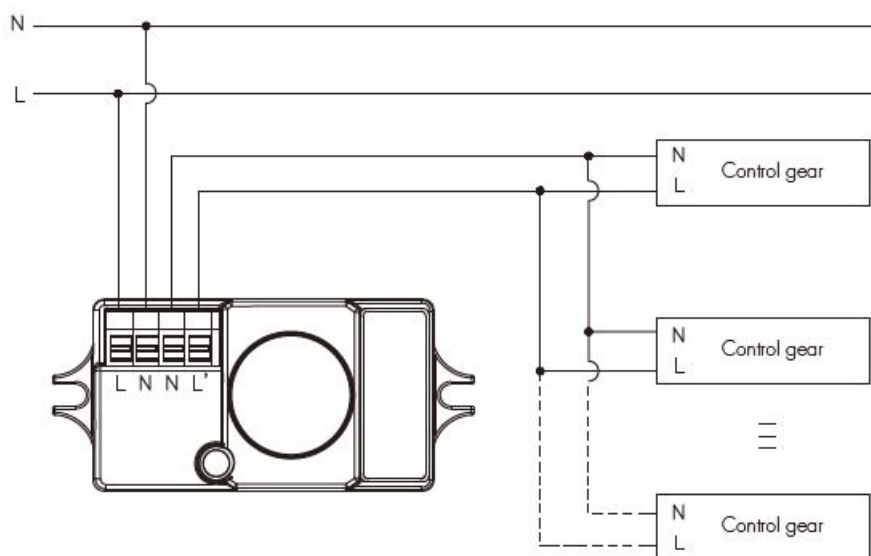


Wire Preparation

To make or release the wire from the terminal, use a screwdriver to push down the button.

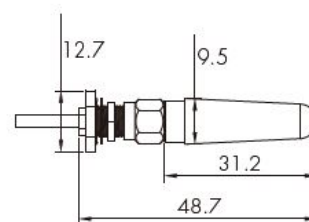
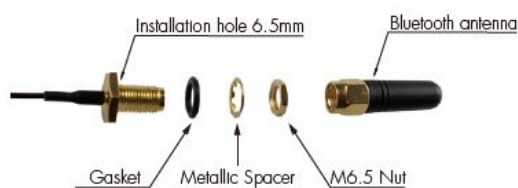


Wiring Diagram

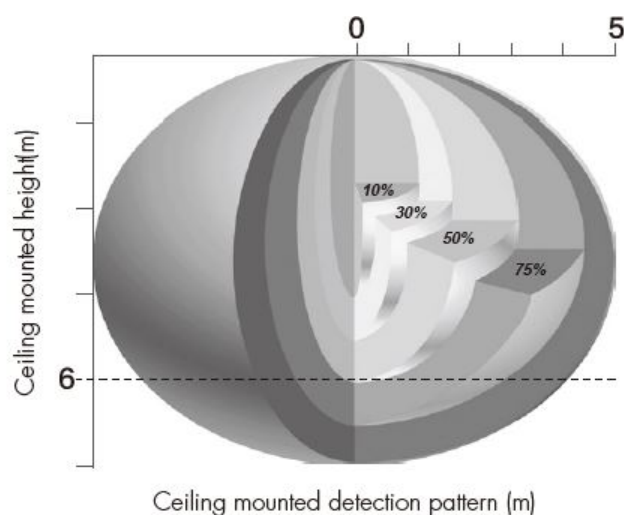


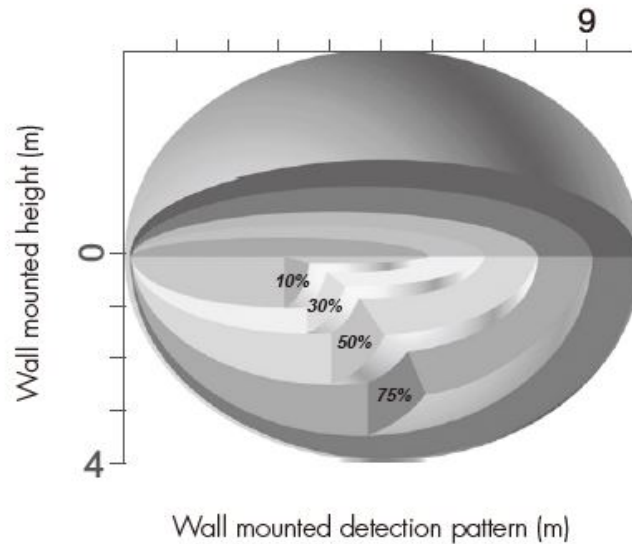
Optional accessory: Reinforced Bluetooth antenna

For some special applications, customers may need a larger Bluetooth transmission for both smartphones to device and device to device. Thanks to the reinforced Bluetooth antenna, with it being added to the sensor, the transmission distance (smartphone to device) enlarges to 20m, the distance of the device to device is around 50m.



Detection Pattern





Additional Information / Documents

1. For a full explanation of Hytronik Photocell Advance™ technology, please kindly refer to www.hytronik.com/download ->knowledge ->Introduction of Photocell Advance
2. To learn more about detailed product features/functions, please refer to www.hytronik.com/download ->knowledge ->Introduction of App Scenes and Product Functions
3. Regarding precautions for Bluetooth product installation and operation, please kindly refer to www.hytronik.com/download ->knowledge ->Bluetooth Products – Precautions for Product Installation and Operation
4. Regarding precautions for microwave sensor installation and operation, please kindly refer to www.hytronik.com/download ->knowledge ->Microwave Sensors – Precautions for Product Installation and Operation
5. Datasheet is subject to change without notice. Please always refer to the most recent release on www.hytronik.com/products/bluetooth technology ->Bluetooth Sensors
6. Regarding Hytronik standard guarantee policy, please refer to www.hytronik.com/download ->knowledge ->Hytronik Standard Guarantee Policy

Documents / Resources

	<p>HYTRONIK HC005S/BT Built-in Microwave Motion Sensor with Bluetooth 5.0 SIG Mesh ON/OFF Control [pdf] Instruction Manual</p> <p>HC005S BT, Built-in Microwave Motion Sensor with Bluetooth 5.0 SIG Mesh ON OFF Control, HC005S BT Built-in Microwave Motion Sensor with Bluetooth 5.0 SIG Mesh ON OFF Control</p>
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