



HYTRONIK HC005S/BT Built In Microwave Motion Sensor with 5.0 SIG Mesh Instruction Manual

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HYTRONIK HC005S/BT Built In Microwave Motion Sensor with 5.0 SIG Mesh



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Technical Specifications

Operation frequency	2.4GHz – 2.483 GHz
Transmission power	4dBm
Range (Typical indoor)	10~30m
Protocol	 Bluetooth ® 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:-20°C- +50°C
Case temperature(MAX.)	Tc:+75°
IP rating	IP20
EMC standard (EMC)	EN5501,5EN61000, EN61547
Safety standard (LVD)	EN60669-1/-2-1 AS/NZS60669-1/-2-1
RED	EN30032,8EN301489-1/-17,EN62479,
Certification	Semko,CB, CE, EMC, RED,RCM,UKCA

Download the App

Free App for set-up and commissioning

 **Bluetooth 5.0 SIG mesh**



for iOS



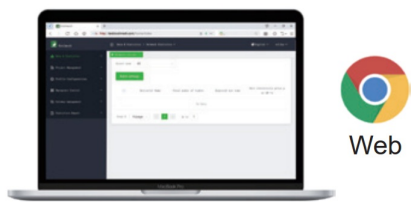
for Android

Smartphone app for both iOS & Android platform



for iPad

Koolmesh Pro app for iPad

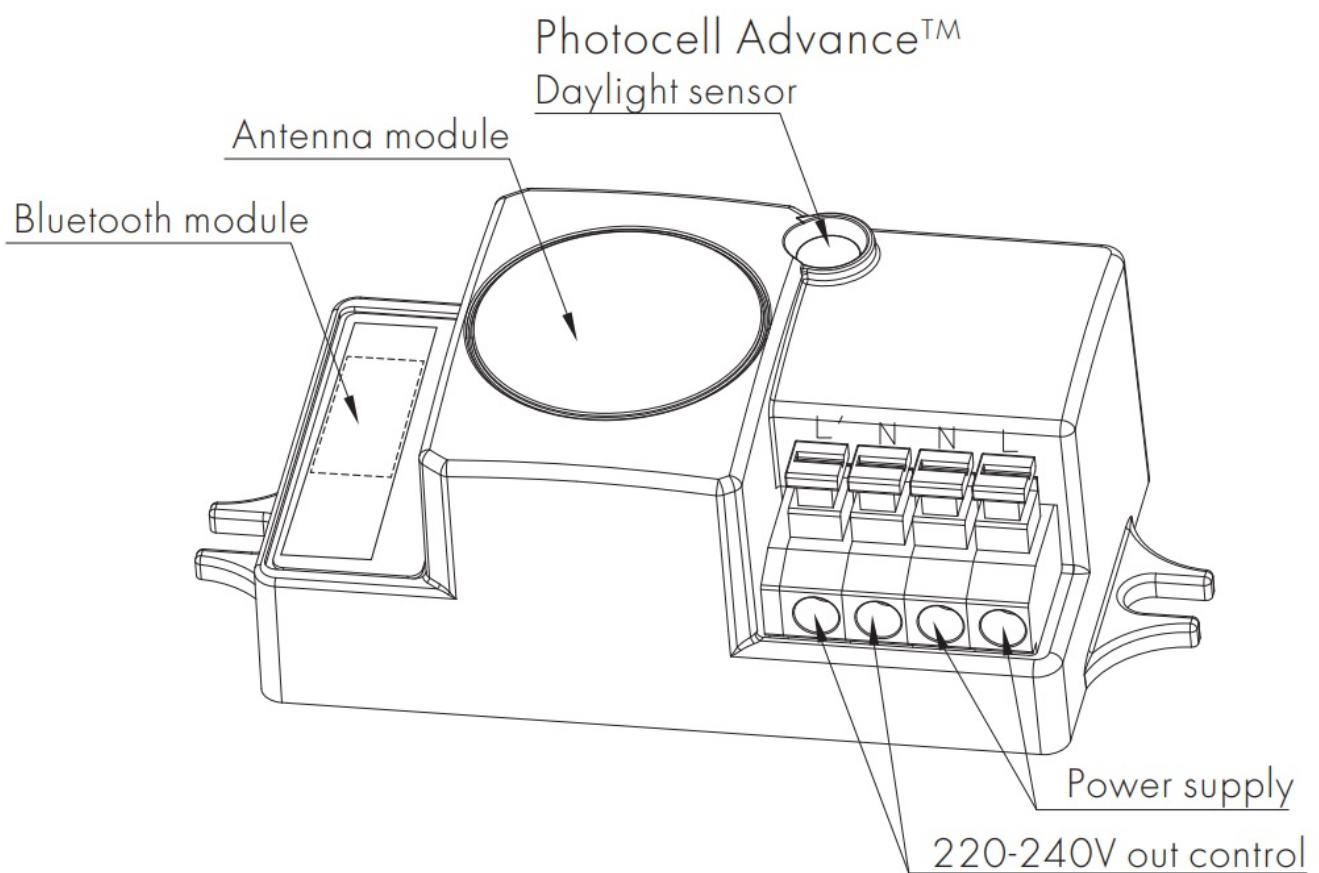


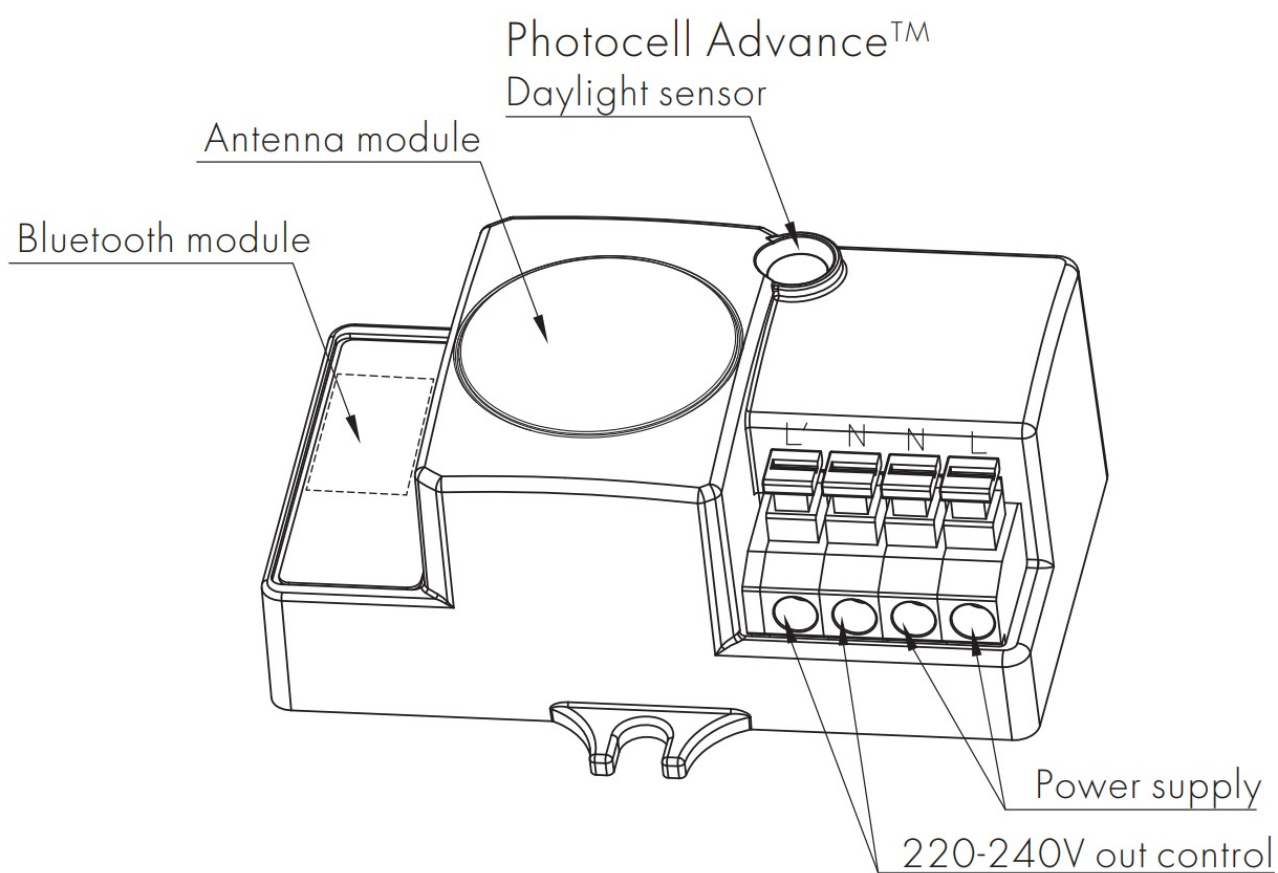
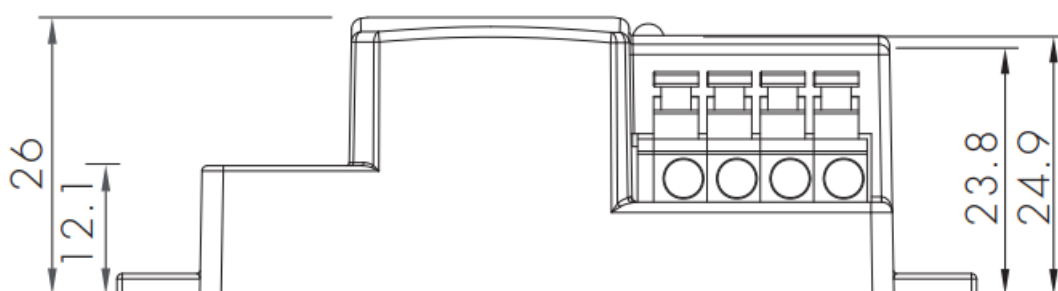
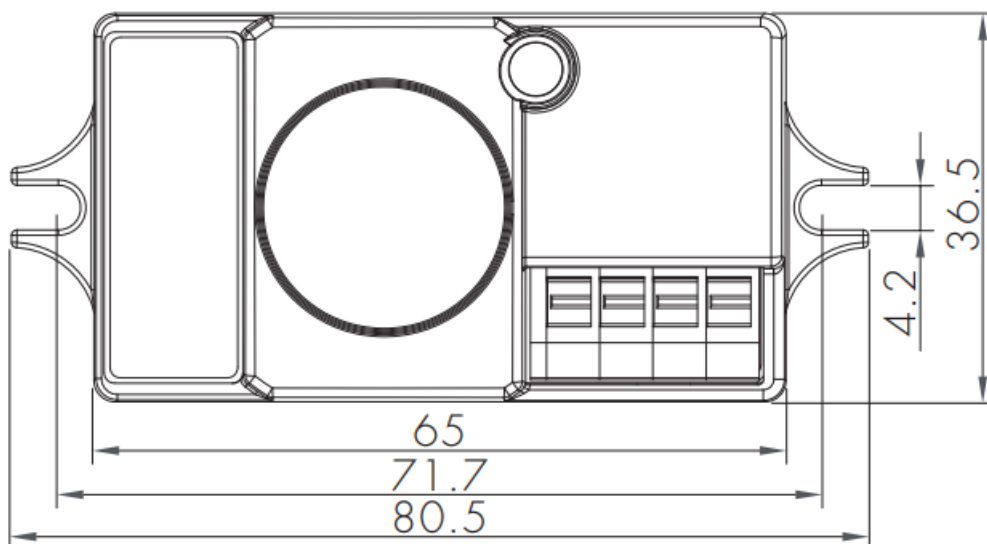
for Web

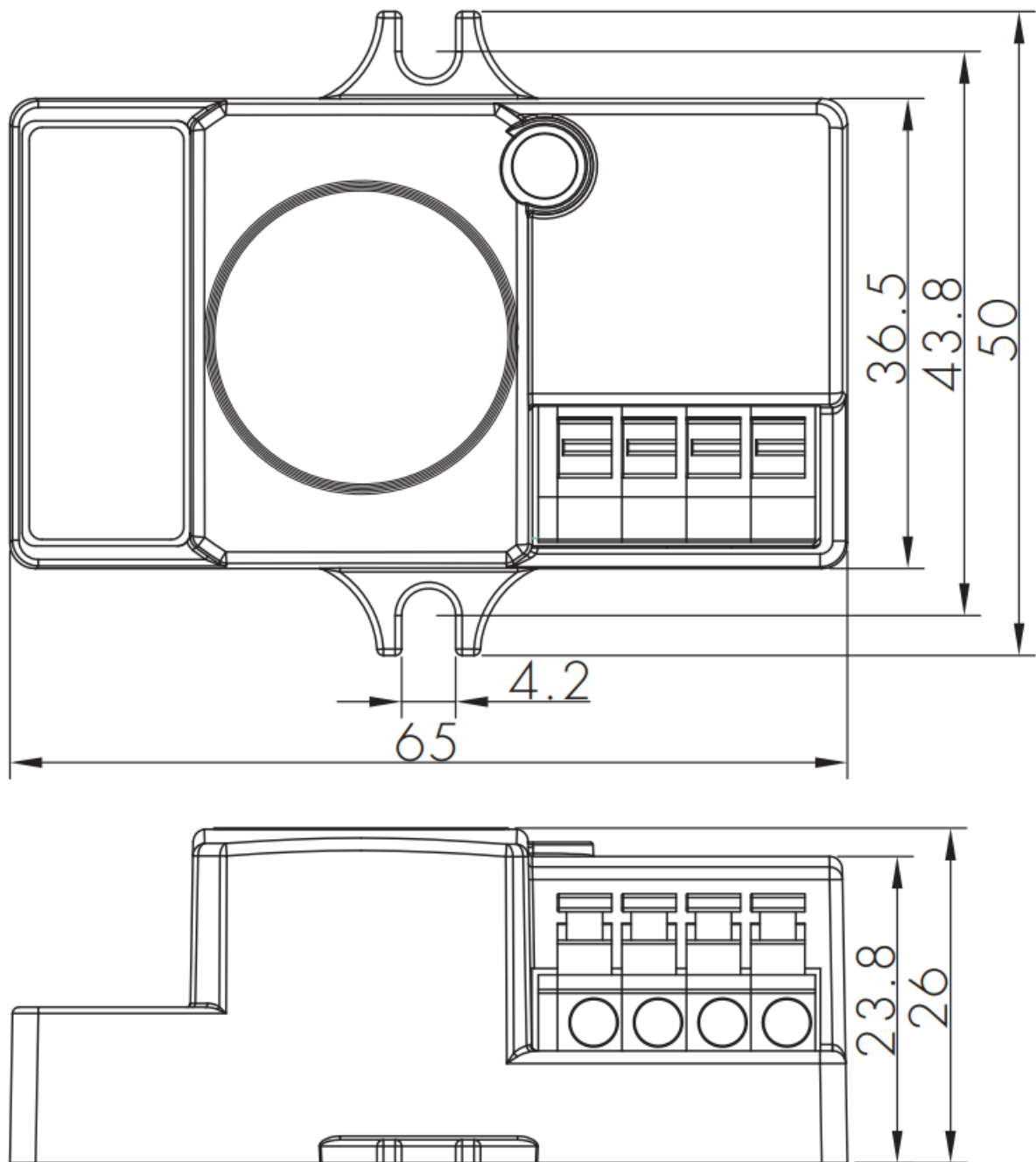
Web app/platform: www.iot.koolmesh.com

Installation

Mechanical Structure & Dimensions



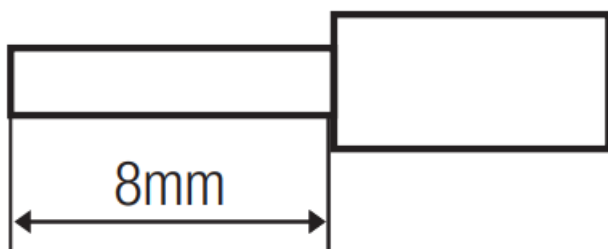




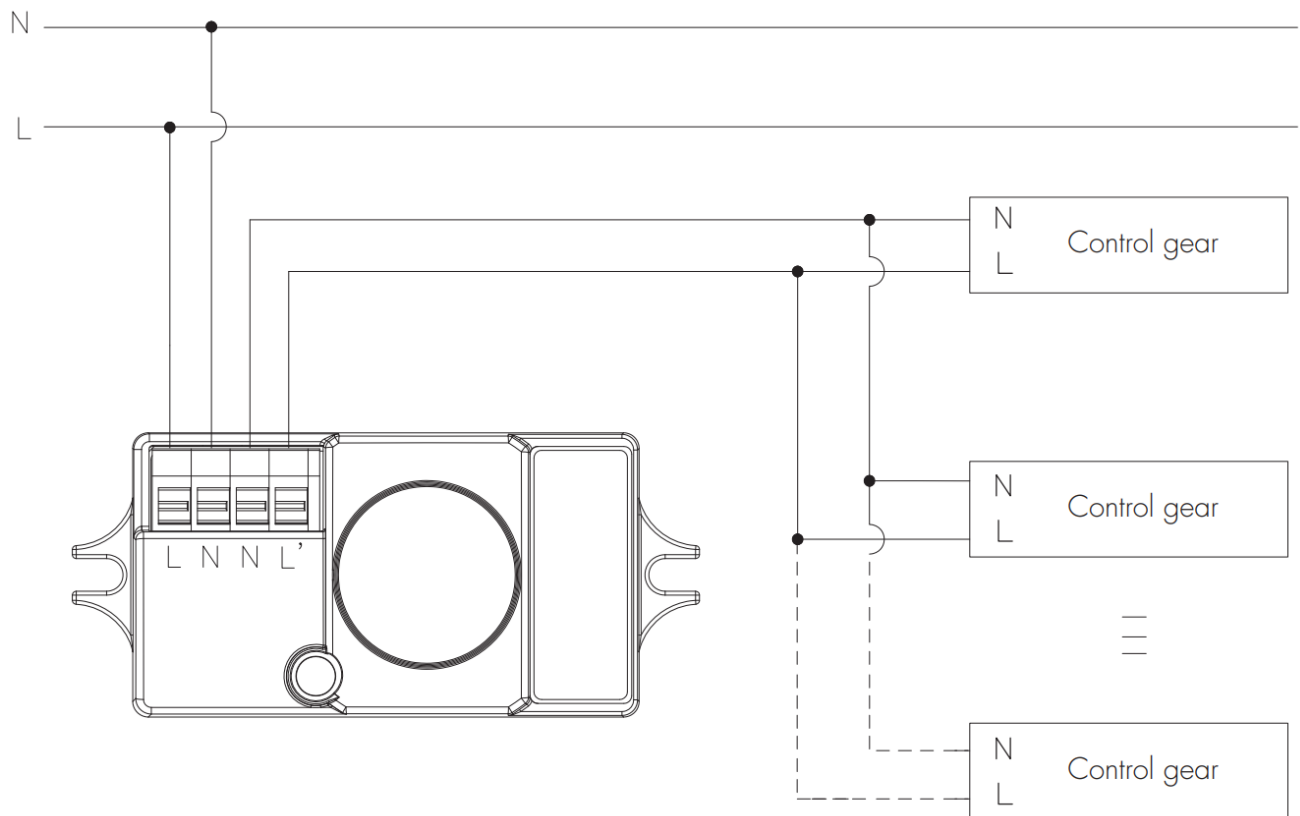
Wire Preparation



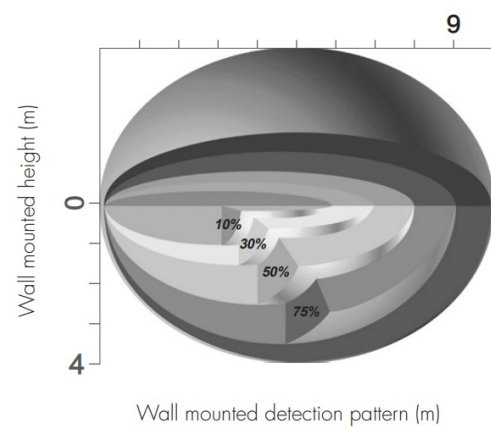
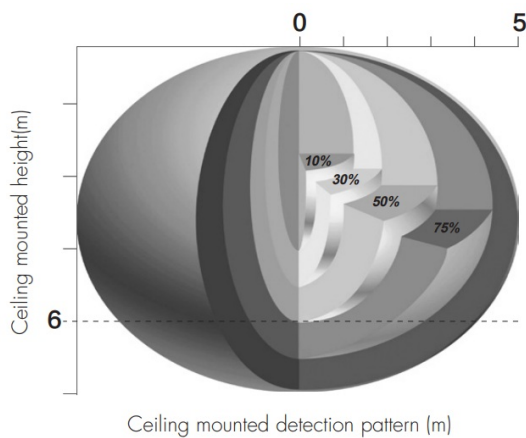
0.75 - 1.5mm[□]



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



Detection Pattern



Additional Information / Documents


1. For 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. Data sheet 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

www.hytronik.com

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Documents / Resources

	<p>HYTRONIK HC005S/BT Built In Microwave Motion Sensor with 5.0 SIG Mesh [pdf] Instruction Manual</p> <p>HC005S BT Built In Microwave Motion Sensor with 5.0 SIG Mesh, HC005S BT, Built In Microwave Motion Sensor with 5.0 SIG Mesh, Built In Microwave Motion Sensor, Microwave Motion Sensor, 5.0 SIG Mesh, Built In Microwave, Microwave, Motion Sensor</p>
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References

- [🌐 Catalogue_Hytronik](#)
- [🌐 iot.koolmesh.com](http://iot.koolmesh.com)

Manuals+.