Installation and Instruction Manual

HYTRONIK®

Bluetooth® Kinetic Switch
Three Push Buttons

HBKS03

1. Technical Specifications

Operation frequency	2.4 GHz - 2.483 GHz
Transmission power	0 dBm
Range (Typical indoor)	10~30m
Protocol	Bluetooth®
Power supply	Self-powered (kinetic energy)
Lifetime	100,000 actuation (switching cycles)
Housing material	PC
Dimensions (L x W x H)	86x86x15mm
Operation temperature	Ta: -10°C ~ +40°C
Switch pressing force	≦700g (reference only, individual variations exist)
IP rating	IP20

2. Download the App

Free App for set-up and commissioning

iOS
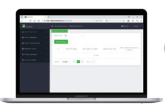android

for iOS
for android

Smartphone app for both iOS & Android platform

for iPad

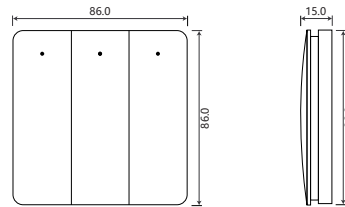Koolmesh Pro app for iPad

Web

for Web

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

3. Installation

Mechanical Structure & Dimensions

86.0
86.0
15.0
86.0
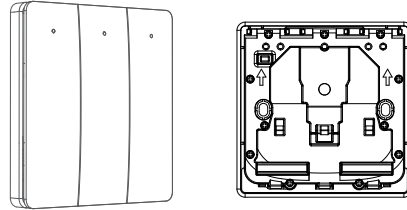
QR code scanning via **Koolmesh®** app

*Use camera to scan and add

Supported Hytronik products: HBKS01 (Self-powered switch), HBLM01 (Desktop Multisensor)

Supported EnOcean BLE switch type: PTM 215B/ 216B (HBES01) (EWSDB / EWSSB) (ESRPB / EDRPB) Supported EnOcean Multisensor types: STM 550B

You can add by scanning the QR code or DMC code on the back of the device.
Use camera to scan and add

Alternatively, you can add using the NFC function by holding your phone close to the device.
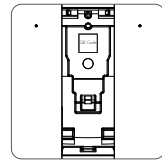Use NFC to add

A. Before installation
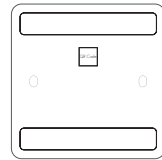
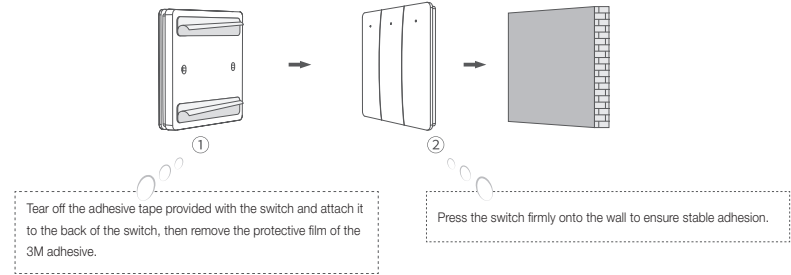Scan the QR code on the back of the switch to pair the device.

B. After installation

1. Open the middle button by hand.
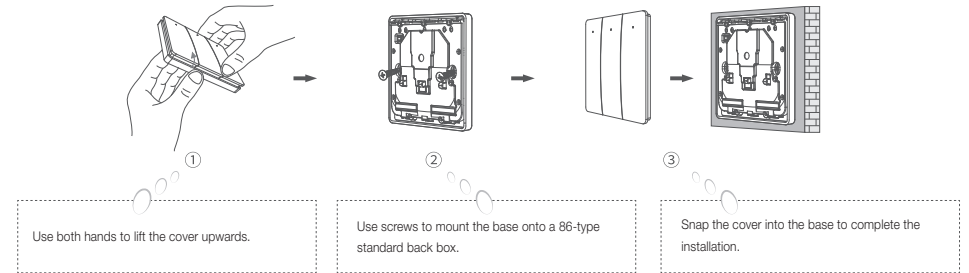2. Scan the QR code to pair the device.

Method 1: Adhesive Mounting

*If the wall surface is clean and smooth, directly peel off the double-sided adhesive tape and stick the switch to the wall.

① Tear off the adhesive tape provided with the switch and attach it to the back of the switch, then remove the protective film of the 3M adhesive.

② Press the switch firmly onto the wall to ensure stable adhesion.

Method 2: Installation with Original Switch Box

*If prefer to install it on the original switch box, use screws for installation.

① Use both hands to lift the cover upwards.

② Use screws to mount the base onto a 86-type standard back box.

③ Snap the cover into the base to complete the installation.

4. Dimming Interface Notes

Detailed Push switch configurations can be set on Koolmesh app.

Switch Function	Action	Descriptions
Push switch	Short press (<1 second) * Short press has to be longer than 0.1s, or it will be invalid.	- Turn on/off - Recall a scene - Turn on only - Quit manual mode - Turn off only - Do nothing
	Long press (≥1 second)	- Dimming - Colour tuning (Warm to Cool White) - Do nothing

5. Additional Information / Documents

1. To learn more about detailed product features/functions, please refer to
   www.hytronik.com/download ->knowledge ->Introduction of App Scenes and Product Functions

2. 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

3. Data sheet is subject to change without notice. Please always refer to the most recent release on
   www.hytronik.com/products/bluetooth technology ->Bluetooth Accessories

4. Regarding Hytronik standard guarantee policy, please refer to
   www.hytronik.com/download ->knowledge ->Hytronik Standard Guarantee Policy

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