



## WiFi PIR Dimmer Switch

### Model: u371 User Manual

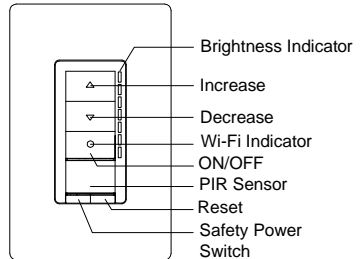


 深圳市亚晔实业有限公司  
 Asia Bright Shenzhen Asia Bright Industry Co.,Ltd.  
 地址: 深圳市坂田岗头村亚洲工业园 10 栋 邮编: 518129  
 Address: Building 10, Asia Industrial Park, Gangtou, Bantian, Shenzhen, China  
 Tel: +86-755-89748200 89748211 Fax: +86-755-89748778 89748226  
 E-mail: info@a-brt.com Http://www.a-brt.com

1

## 1.Features:

u371 is a smart dimmer switch equipped with PIR Motion Sensor. It brings to users convenience and help users to conserve energy by automatically turning off lights when a room is not occupied. It can be part of a smart home system when being linked to a central control hub.



2

## 2.Technical Parameters:

- (1) .Operation Voltage: AC 108~240V
- (2) .Frequency: 50Hz~60Hz
- (3) .Power Rating: 5W~400W (400W max for incandescent light, and 100W max for LED light)
- (4) .PIR Sensing Range: up to 8 meters
- (5) .PIR Sensing Angle: up to 120 degrees (when installed at 1.2m height above ground )
- (6) .Load Types: Incandescent lights; Halogen lamp; LED;and CFL lights.

## 3.Operation Guide:

(1) .The red setup indicator light will flash once after being powered on and the initialization process takes 30 seconds. In normal operation mode, the switch will turn on the load when it detects human motion and turn off the load after a preset delay-off time when it detects vacancy. User can also turn on/off by manually clicking the On/Off button and dim the load with the Dimmer increase/Dimmer decrease button. The preset delay-off function is still in effect if the load is turned on by manual operation.

(2) .Download the APP by scanning the QR code on the user manual. Configure the switch into the smart home system by following the instructions and tips popped up on the APP interface.Long pressing the On/Off button for 5 seconds can enter the configuration mode, the Wi-Fi indicator will flash.

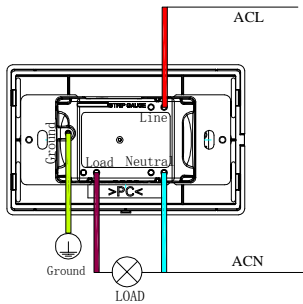
(3) .Adjust the PIR related data and Operation Mode: Once configuration completed, user can set the PIR sensitivity level, the brightness level, preset delay off time and different operation mode. All three modes are shown in the table below.

Operation Mode	Description
Manual Control Mode	Manual ON, manual OFF, the PIR sensor does not control the load.
Auto Control Mode(Default)	Auto ON when the PIR sensor detects human motion, auto OFF when no human motion detected. Manual control is also available. After the load is turned off manually, the PIR function will stop working for 20 seconds.
Semi-auto Control Mode	The PIR sensor starts working after the load is turned on manually, and turn off the load automatically when no human motion detected.

3

4

#### 4.Wiring Diagram:



5

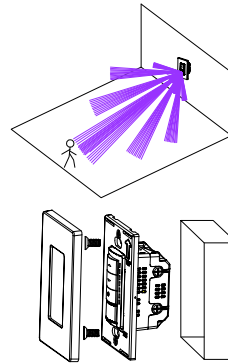
**Warning:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

7

#### 5.Installation Guide:

Install the switch at a height of 1.2meters above ground.



#### ● Caution:

Installation must be done by qualified personnel only. Follow safety procedures to avoid electric shock!

6

Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.

#### FCC Statement:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) .this device may not cause harmful interference, and
- (2) .this device must accept any interference received, including interference that may cause undesired operation.

RF Radiation Exposure Statement Caution: To maintain compliance with the FCC's RF exposure guidelines, place the product at least 20cm from nearby persons.

8