WiFi Gateway PIR Dimmer Switch
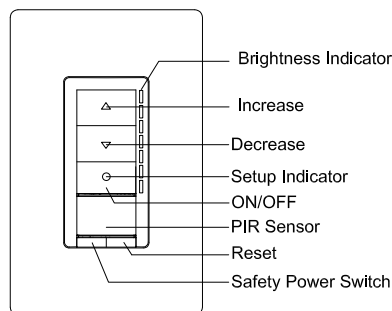
Model：e371

User Manual

1

1.Features:

e371 can be used not only as a standalone PIR dimmer switch, but also as WiFi gateway hub working with other slave switches,sensors and remote controllers to form a home automation system.With a smartphone App, users can control the load anytime and anywhere, checking load status, setting timer, setting automatic control task, setting alarm, etc.
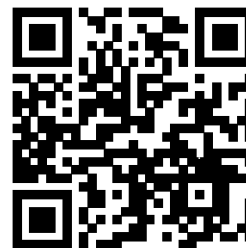
- Brightness Indicator
- Increase
- Decrease
- Setup Indicator
- ON/OFF
- PIR Sensor
- Reset
- Safety Power Switch

2

2.Install iPuray App

Scan the QR code below or access our Application download link to download our iPuray App. Register an account with your smartphone.
[http://iot.a-brt.com/update/download]

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3.Configure e371 Switch

1.) After powering on e371 initially, press and hold the ON/OFF button until the red indicator light on, indicating the switch is in internet configuration mode.

2.) Open the iPuray App, enter "e Platform", click "add device", and click "e371 Series". Follow the prompts in the APP to complete internet configuration.

3.) Wi-Fi indicator light status

Status	Description	Solution
Yellow Light On	Connected to Internet	
Yellow Light Flash	Not Connected to Internet	Check if the WiFi router is working properly
Yellow Light Off	Not Connected to Router	Check if the router is turned on and the password is correct.
Red light On	Configuration Mode	In configuration mode, press the on/off button to exit after completing configuration.

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4.Add Devices on APP:

1.) Select the ID No. of e371 on the App to enter the main interface of e371.

2.) Add wireless device
a.Add switches: in the switches list, click the icon at the top-right corner, and press "add" to access to the pop-up box as shown in Fig. 1. Input switch ID or scan the QR code and input the passwords to add the switches.
b.Add sensors: in the sensors list, click the icon at the top-right corner, and follow the above method to add the sensors
c.Add remote control: in the remote list, click the icon at the top-right corner, and follow the above method to add the remote control.
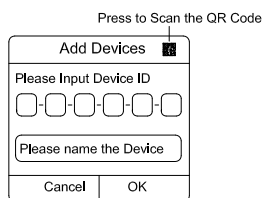
Press to Scan the QR Code

Add Devices
Please Input Device ID
◯-◯-◯-◯-◯-◯
Please name the Device
Cancel | OK

Fig.1

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5.Control Device on App

1.) Control switches: Select switch ID to enter the switch control interface. Tap the on/off icon to have turn-on or turn-off operation and slid the bar to have dimming operation (as shown in Fig. 2).
2.) Control remote: select remote control ID to enter the remote control interface (as shown in Fig. 3). For the first time use, enter remote control configuration interface, set the remote control according to its work instructions.
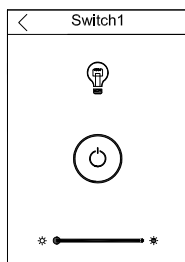3.) Check the sensor: select sensors to enter the sensor interface (check the sensor status).

Switch1

Air conditioner remote

18℃

❄Cooling   ≡High

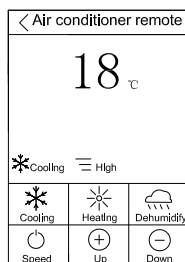| ❄ | ☀ | 〰 |
Cooling	Heating	Dehumidify
↻	⊕	⌄
Speed	Up	Down

Fig.2   Fig.3

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6.Set up Switch Automatic Control Task

1.) Switch automatic control task
a.Press and hold the switch ID to access a pop-up box as shown in Fig.4.Set up auto control setting, and check the pre-set automatic control conditions as shown in Fig. 5.

b. Press Add task to access the interface as shown in Fig. 6. User can add timer, sensor control and delay off control. Press Save to save all the settings.
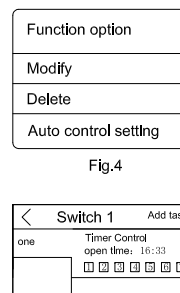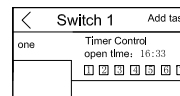
Function option
Modify
Delete
Auto control setting

Fig.4

Switch 1   Add task
one   Timer Control
       open time: 16:33
       ① ② ③ ④ ⑤ ⑥ ⑦

Fig.5

Switch 1
Select Condition
one   ⌄
🏠 Timer ≡ Sensor ❤ Delay
Time 16:33
State ☑ open   ☐ close
Week/Repeat
① ② ③ ④ ⑤ ⑥ ⑦
save
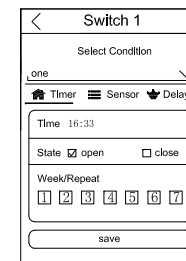
Fig.6

7

2.) Remote automatic control

a.Press and hold the remote ID to access a pop-up box as Fig. 7. Set up auto control setting, and check the preset automatic control task as Fig. 8.

b.Press "+" at the top right corner to access to the interface as Fig. 9. User can add timer or sensor control in the APP. Press "Save" to save all the settings.
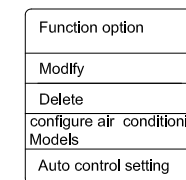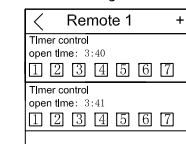
Function option
Modify
Delete
configure air conditioning Models
Auto control setting

Fig.7

Remote 1   +
Timer control
open time: 3:40
① ② ③ ④ ⑤ ⑥ ⑦
Timer control
open time: 3:41
① ② ③ ④ ⑤ ⑥ ⑦

Fig.8

Remote 1
Select condition
🏠 Timer   ≡ Sensor
Time 16:33
State ☑ open   ☐ close
Model ☑Cooling ☐Heating ☐Dehumidity
Speed ☑High ☐Middle ☐ Low
Temp 16
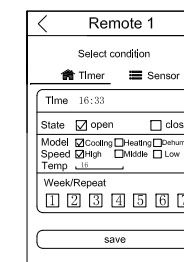Week/Repeat
① ② ③ ④ ⑤ ⑥ ⑦
save

Fig.9

8

7.Set Alarm Task in the App

a.Set the trigger condition of the sensor: press and hold the sensor ID to access alarm setting interface as shown Fig. 10.
b.Turn on/off the alarm function on the sensor interface.
c.Press the three-point icon at the top-right corner to set timer for the alarm function (as shown in Fig. 11). After completing the timer setting, press "Save" to save all the settings.
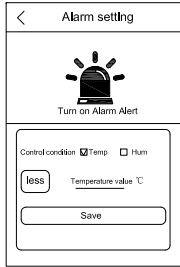

Fig.10   Fig.11

8.Delete and Modify

a.Delete the smart home switch: press and hold the ID of the smart home switch and press delete on the pop-up box.

b.Delete or modify the wireless devices: press and hold the ID of the device and press delete or modify on the pop-up box.

9.Set up e371 PIR parameters

In the sensor interface, press and hold e371 PIR ID and select "Configuration" in the pop-up window to set up PIR parameters.

10.Share the Smart Home Switch

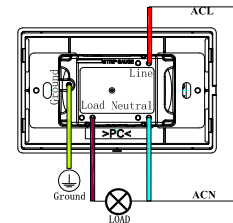Press and hold the ID of the device and press share device on the pop-up box.

11.Specifications:

Operation Voltage: AC 108V to 220V
Frequency: 50/60Hz
Power Rating: 5W to 400W (up to 400W for incandescent lights, and up to 100W for LED lights)
Sensing range: up to 8m at work temperature 25 degrees.
Sensing angle: up to120 degree cone shape when installed 1.2m above ground
Load type: Incandescent, Halogen Lamp, LED, and Energy Saving Lamp

12.Installation Guide

1.) Please follow the wiring diagram.

2.)Install the switch 1.2m above ground.

Caution: Installation must be done by the qualified personnel only, following safety measures to avoid the electric shock!

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:
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.

IC Statement：
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
1.) This device may not cause interference.
2.) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
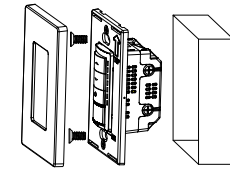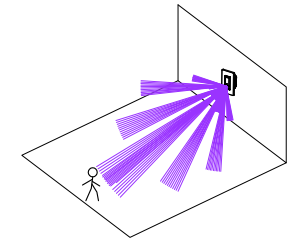1.) L'appareil ne doit pas produire de brouillage;
2.) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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