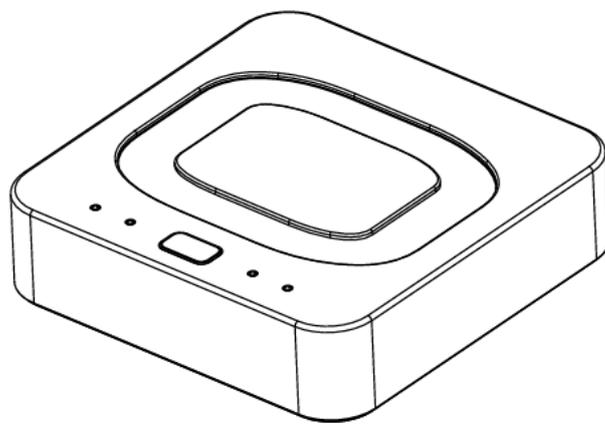
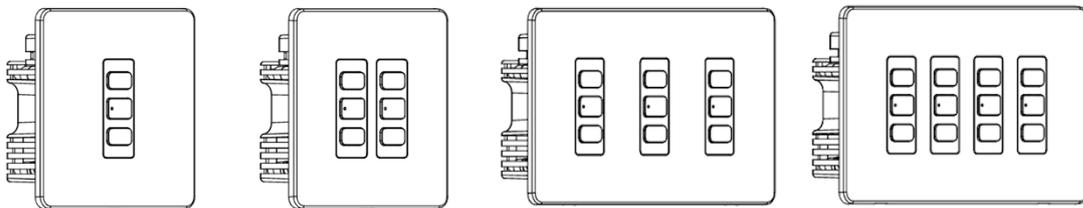


DigiLux

Smart Lighting Control

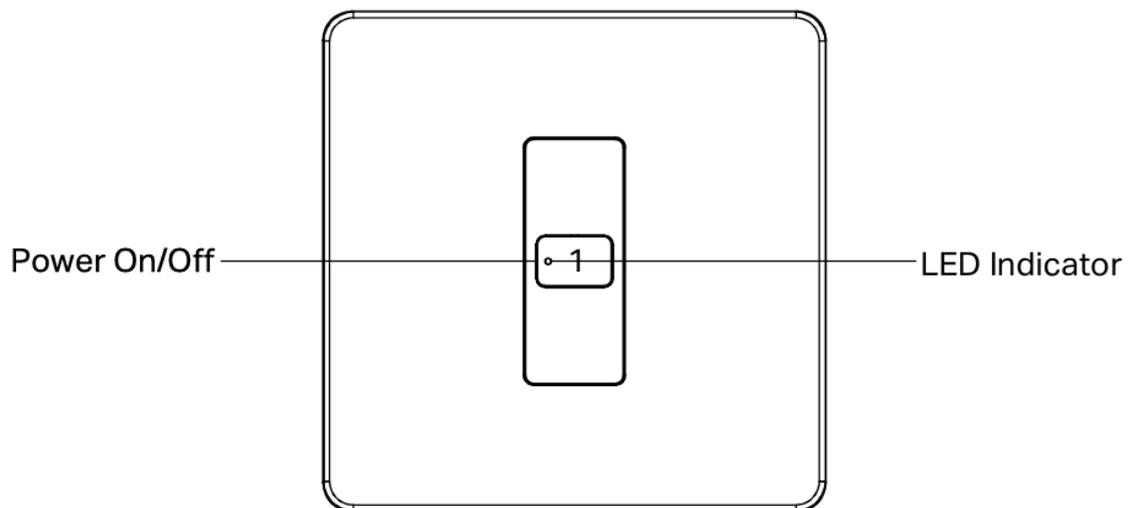
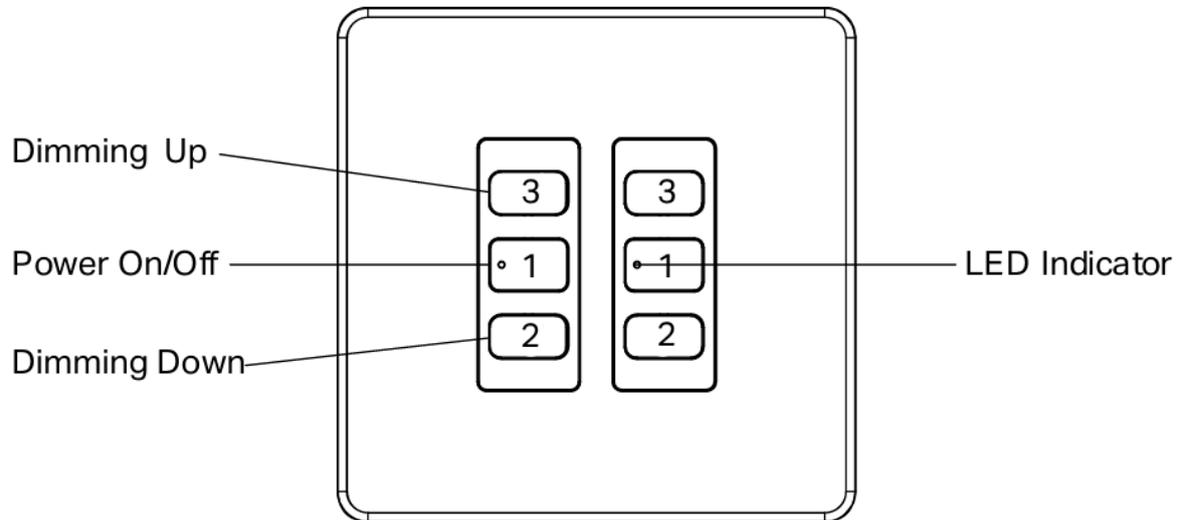


User manual and quick guide (2.0)

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Button Functionality:



1 – To turn ON / OFF the lighting

2 – To reduce light level

3 – To increase light level

Features and functionality

Turn “ALL OFF” switch

If you have a light switch enabled to “ALL OFF” then when pressed the light switch will send a signal to all Light switches within home to turn OFF.

Dimming light level memory

If you have a dimmer switch with up and down buttons, then the lights will always go back to last known light level.

Example if you lower the light level to 25% and turn OFF. The light switch will return to 25% when turned ON.

MVHR Boost

If your property is equipped with an MVHR Ventilation system, please check which light switches are programmed to activate boost mode.

For example, turning on the main bathroom light may trigger boost mode.

There can also be separate buttons for this purpose, such as a Kitchen Boost button.

Power cut

If the property experiences a complete power cut, the system will switch to safe mode. Once power is restored, the system will perform a self-check. During this period, the main light switches will function. Secondary paired switches will become operational after the Orcomm Hub completes its self-check, which takes approximately 1 minute.

Connecting your smart device to your Orcomm Hub

Please scan the QR code on your Orcomm Hub with your camera, and follow the instructions

- Step 1 Scan QR CODE on Orcomm with your smart device
- Step 2 Hub will divert you to your APP store
- Step 3 Download the Orcomm Connect APP
- Step 4 Sign in or register
- Step 5 Connect to your Orcomm Hub
- Step 6 All your light switches will appear and you can then assign to a room
- Step 7 Optional customisation (schedules, light levels, holiday mode etc)

If your QR code is missing on the Orcomm hub scan below

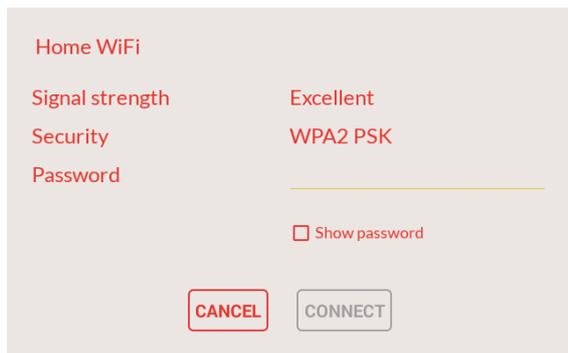


Connecting the Orcomm Door Entry to your Wi-Fi

For those utilizing an Orcomm door entry touch screen, ensure the Orcomm Hub is connected to your home Wi-Fi and then proceed with the following steps:



Enable Wi-Fi and select your properties Wi-Fi



Enter your password for the Wi-Fi



Once completed it will show “Connected”



The home page will have the Wi-Fi logo on top bar

Optional functionality

Dimming Mode: Trailing / Leading Edge

(Default is Trailing Mode)

Use this function to change the method of dimming. The method used will depend on the light fixture that is being used.

Please refer to the lighting manufacturer datasheets/manuals to confirm if Leading or Trailing edge.

To toggle the dimming mode between trailing and leading edge, press and hold "Power On/Off" for 15 Seconds. LED indicator: Off followed by solid 3 seconds = Leading Off followed by flash 3 seconds = Trailing

Increase or decrease light levels

Use this function to eliminate flickering or pulsating light levels when adjusting brightness. Each manufacturer's lighting products have unique dimming ranges.

Upper Limit:

- Press and hold "Up" and "Power" for 3 seconds. The LED will blink rapidly.
- Using the "Up" and "Down" buttons, set the light level output to a level that is considered the maximum light output. Where the highest level of light is achieved, do not go beyond this.
- Press the "Power" button to save the setting. The LED will blink 3 times to confirm.

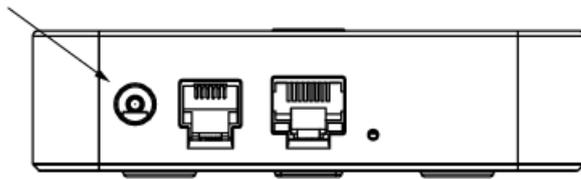
Lower Limit:

- Press and hold "Down" and "Power" for 3 seconds. The LED will blink rapidly.
- Using the "Up" and "Down" buttons, set the light level output to a level that is considered the minimum light output without flickering, do not go beyond this.
- Press the "Power" button to save the setting. The LED will blink 3 times to confirm.

Trouble Shooting

No LED's are illuminated on the Orcomm Hub:

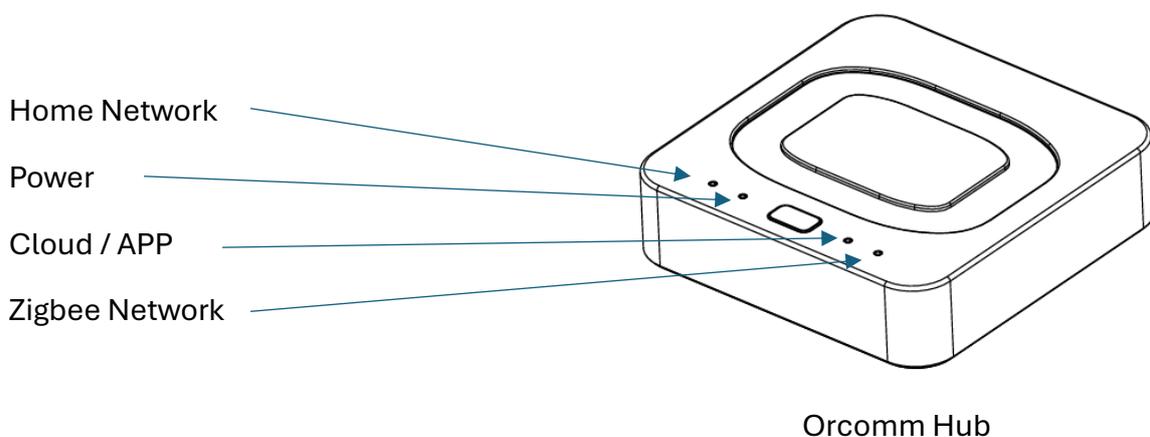
1. If the Power Supply LED is OFF, try using a different plug socket. If it still doesn't work, contact Orcomm support for a replacement.
1. If Power Supply LED is ON, disconnect the plug from the rear of the Orcomm Hub and then reconnect it. If this resolves the issue, ensure that the Orcomm Hub is securely installed to prevent further disconnection.



Secondary light switches are not working

1. Check the Orcomm Hub Home Network and Zigbee Network light is ON.
2. Check the Orcomm APP can see the light switch
3. If this is a new issue, try moving the Orcomm Hub to a different location away from high noise areas, such as a utility cupboard.
1. Verify that the multiway group remains in the Orcomm Hub. If you require assistance with this option, please do not hesitate to contact Orcomm support.

Hub Error Indication



Home Network LED

LED Flash	Description	Possible Reason / Solution
2	NETWORK_ERR_BEACON_TIMEOUT	Check Ethernet is wired in to Hub or if using Wi-Fi check internet and Wi-Fi is working
3	NETWORK_ERR_NO_AP_FOUND	
4	NETWORK_ERR_AUTH_FAIL	
5	NETWORK_ERR_ASSOC_FAIL	
6	NETWORK_ERR_HANDSHAKE_TIMEOUT	

Cloud LED

LED Flash	Description	Possible Reason / Solution
1	DEVICE_DISABLED	IoT Hub or user has disabled device
2	BAD_CREDENTIAL	Invalid connection string was used
3	RETRY_EXPIRED	
5	COMMUNICATION_ERROR	
7	NO_PING_RESPONSE	Device did not receive a ping from IoT Hub, IoT Hub is down, or device has lost internet connection

Power LED

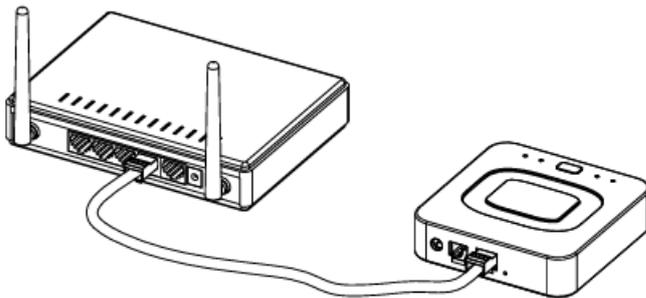
LED Flash	Description	Possible Reason / Solution
1	SETUP_ERR_DEFAULT	
2	SETUP_ERR_AP_MODE	Ethernet is connected, disconnect ethernet
3	SETUP_ERR_BRIDGE_JOIN	No response was returned from the bridge, bridge was either busy, not installed or faulty
4	SETUP_ERR_NO_DEVICES	No modules have been paired, pair some modules
5	SYSTEM_ERR_EEPROM_EXCEEDED	EEPROM is maxed out on BOOT

Zigbee LED

LED Flash	Description	Possible Reason / Solution
2	BRIDGE_ERR_READ_TIMEOUT	Received start of packet header but no data followed
3	BRIDGE_ERR_INVALID_CHECKSUM	RS-485 packet is corrupted, check data lines on RJ25
4	BRIDGE_ERR_RESPONSE_TIMEOUT	Data was sent to the bridge, but nothing came back in the allowed time

Wi-Fi issues

Orcmm Hub can also work directly via ethernet cable provided to your home network hub



Once connected turn of power to Orcmm Hub and wait 10 seconds. Then apply power to Orcomm Hub.

Changing Internet Provider

Update your APP and Hub to your new WiFi when you change your internet provider.



Please scan the QR code for a tutorial video on "How to Change WiFi in APP".

Resetting the gateway

(CAUTION - Please note that all settings, pairings and groupings will be erased)

This should only be used as a last resort or when instructed by a member of the Orcomm support team.

- Disconnect the power supply.
- Press and hold the button.



- Reconnect the power while continuing to hold the button until all LEDs start flashing.
- Release the button.

The gateway is now factory reset.

Compliance and Standards:

The **DigiLux** products use an IEEE 802.15.4 Zigbee mesh network to build and secure communications between all end points to allow wireless control.

The product complies with all the basic requirements and other relevant provisions of the 1999/5/EC directive using TUV CE standard and process. For full details of this please contact support@orcomm.com.

Operation is subject to the following two conditions: (1). This device may not cause harmful interference, and (2) this device must accept, and interference received, including that may cause undesired operation.

Installation of the product must be carried out by a qualified person conforming to all standards set out by law of installed country.

