



# Shelly GWF-KZ01USB WiFi Gateway Bluetooth Bot Land Instructions

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Shelly GWF-KZ01USB WiFi Gateway Bluetooth Bot Land



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## Device Identification

- **Device name:** Shelly BLU Gateway
- **Device model:** GWF-KZ01
- **Firmware model ID:** SNGW-BT01
- **Device SSID:** Shelly Blu Gw-XXXXXXXXXXXX

## Short description

Shelly BLU Gateway (the Device) is a smart BLE to Wi-Fi gateway in a USB A dongle.

## Main applications

- Residential
- MDU (Multi Dwelling Units – apartments, condominiums, hotels, etc.)
- Light commercial (small office buildings, small retail/restaurant/gas station, etc.)
- Government/municipal
- University/college

USB Type-A Plug

## Connectivity

- Wi-Fi
- Bluetooth

## User interface

### Inputs

- **One (Reset) button**
  - Press and hold for 5 seconds to enable Device access point and Bluetooth connection.
  - Press and hold for 10 seconds to factory reset the Device.

### Outputs

- LED indication
  - Blue light indicator will be on if in AP mode.
  - Red light indicator will be on if in STA mode and not connected to a Wi-Fi network.
  - Yellow light indicator will be on if in STA mode and connected to a Wi-Fi network.  
Not connected to Shelly Cloud or Shelly Cloud disabled.
  - Green light indicator will be on if in STA mode and connected to a Wi-Fi network and to the Shelly Cloud.
  - The light indicator will be flashing Red/Blue if OTA update is in progress.

## Specifications

Type	Value
<b>Physical</b>	
Size (H x W x D):	45x20x8 mm / 1.77x0.79x0.21 in
Weight:	5 g / 0.18 oz
Material:	Plastic
Color:	White
<b>Environmental</b>	
Ambient temperature: –	-20 °C to 40 °C / -5 °F to 105 °F
Humidity	30 % to 70 % RH
<b>Electrical</b>	
Power supply:	5 VDC (from USB Type-A port)
Power consumption:	< 1 W
<b>Radio</b>	
RF band:	2400 – 2495 MHz
Max. RF power:	<20 dBm
Wi-Fi protocol:	802.11 b/g/n
Wi-Fi Range:	Up to 30 m / 100 ft indoors and 50 m / 160 ft outdoors (Depends on local conditions)
Bluetooth Protocol:	4.2
Bluetooth Range:	Up to 20 m / 66 ft indoors and 30 m / 100 ft outdoors (Depends on local conditions)
<b>MCU</b>	
CPU:	ESP32
Flash:	4 MB
<b>Firmware capabilities</b>	
Scripting:	Yes
MQTT:	Yes
Co AP:	No

## Components and APIs

- [This device](#)
- [All Shelly devices and services](#)

## Compliance

- [Shelly BLU Gateway multilingual EU declaration of conformity.pdf](#)
- [Shelly BLU Gateway UK PSTI ACT Statement of compliance.pdf](#)

## Printed user guide

- [Shelly BLU Gateway multilingual printed user and safety guide.pdf](#)

## Customer Support

### SHELLY EUROPE LTD.

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## Documents / Resources

	<p><a href="#">Shelly GWF-KZ01USB WiFi Gateway Bluetooth Bot Land</a> [pdf] Instructions  GWF-KZ01, SNGW-BT01, GWF-KZ01USB WiFi Gateway Bluetooth Bot Lnd, GWF-KZ01USB, WiFi Gateway Bluetooth Bot Land, Gateway Bluetooth Bot Land, Bluetooth Bot Land, Bot Land, Land</p>
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## References

- [🇬🇧 Welcome to Shelly Knowledge Base!](#)
- [🇬🇧 Welcome to Shelly Knowledge Base!](#)
- [🇬🇧 Devices](#)
- [🇬🇧 Shelly BLE devices](#)
- [🔗 Welcome to Shelly Technical Documentation | Shelly Technical Documentation](#)
- [🔗 Shelly Bluetooth Low Energy Gateway | Shelly Technical Documentation](#)
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