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## Shelly LoRa Add-on Gen4 Host Device



## Product Information

### Specifications

- Size (HxWxD): 40x42x11 mm / 1.58×1.66×0.44 inch
- Weight: 10 g / 0.4 oz
- Mounting: Via the Add-on's serial interface for connecting to a compatible Shelly device
- Shell material: Plastic
- Shell color: Black
- Ambient working temperature: -20°C to 40°C / -5°F to 105°F
- Max altitude: 2000 m / 6562 ft
- Power supply: 3.3 V (from a compatible Shelly device)
- Power consumption: < 150 mW
- Supported devices: Check the list with all devices compatible with the Shelly LoRa Add-on here: [https://shelly.link/lora\\_add-on](https://shelly.link/lora_add-on)

### LoRa

- Supported frequency bands:
  - EU868
  - US915
  - AU915-928

Note that unlocking a particular frequency band support might require a firmware update.

- Max. RF power: < 14 dBm
- Range: Up to 5,000 m / 16,400 ft (depends on local conditions)

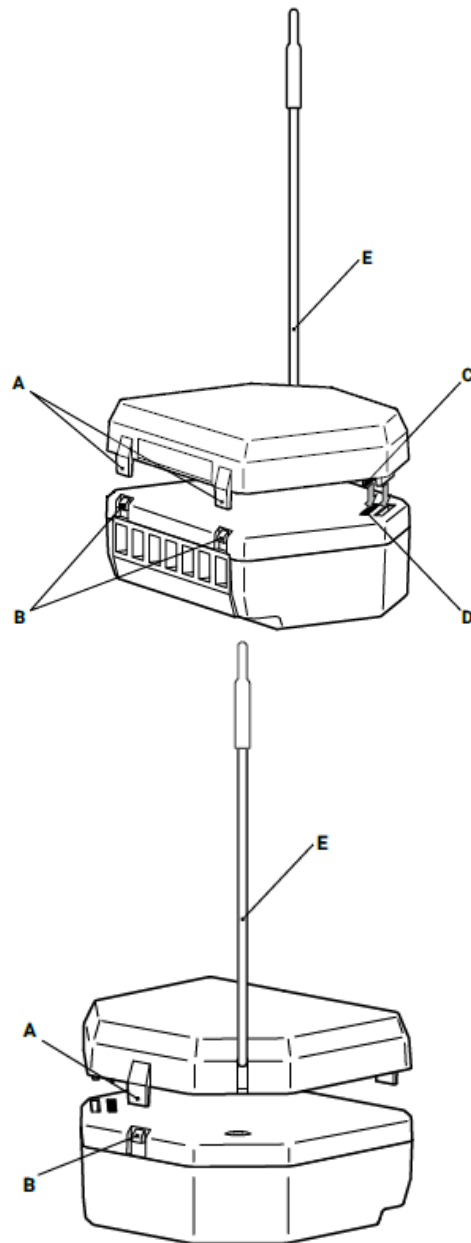
## Product Usage Instructions

### Mounting

Fig. 1. Shelly LoRa Add-on installation to a Shelly Gen3 or Gen4 host device

### Legend

- A: Brackets
- B: Hooks
- C: Header pins
- D: Header connector
- E: Antenna



## User and safety guide

Shelly LoRa Add-on: A compact long-range communication add-on for Shelly Gen3 and Gen4 devices. Ces are referred to in this document as “the Device”

## Safety information

For safe and proper use, read this guide and any other documentation accompanying this product. Keep them for future reference. Failure to follow the installation procedures can lead to malfunction, danger to health and life, violation of law, and/or refusal of legal and commercial guarantees (if any). Shelly Europe Ltd. is not responsible for any loss or damage in case of incorrect installation or improper operation of this device due to failure to follow the user and safety instructions in this guide.



This sign indicates safety information.



This sign indicates an important note.



**WARNING!** There is a risk of electric shock. A qualified electrician must carefully install the Device to the power grid. It should be placed in limited-access areas only.



**WARNING:** If you already have your Shelly Gen3 or Gen4 device connected to the power grid and want to attach (or detach) the add-on to it, turn off the circuit breakers before installation (or uninstallation). Ensure there is no voltage at the terminals of the host device.



**WARNING!** Do not remove the antenna tip.



**CAUTION!** Connect the Device only in the way shown in these instructions. Any other method could cause damage and/or injury.



**CAUTION!** Connect the Device only to a power grid and appliances that comply with all applicable regulations. A short circuit in the power grid or any appliance connected to the Device can cause fire, property damage, and an electric shock.



**CAUTION!** Do not use the Device if it shows any sign of damage or defect.



**CAUTION!** The device is intended for use in indoor or weather-sealed environments only.



**CAUTION!** Keep the Device away from dirt and moisture.



**CAUTION!** Be careful not to bend the Device header pins (C) when inserting them

into the Shelly Gen3 or Gen4 device header connector (D). Make sure the brackets (A) lock on the Shelly host device hooks (B).

## **Product description**

The Shelly LoRa Add-on enables reliable communication over distances of up to 5 km. Designed for certain Shelly Gen3 and Gen4 devices, it redefines long-range connectivity by delivering secure performance in open spaces and dependable operation even in challenging environments. Powered by LoRa and Shelly's protocol, this compact add-on is perfect for automating city infrastructure, managing remote facilities, or optimizing precision agriculture. It also supports custom scripts, giving you the flexibility to tailor functionality for the specific use case. The LoRa Add-on supports the EU868, US915, and AU915-928 frequency bands, used in specific regions. Enabling a particular band may require a firmware update.

- The Device can be configured, controlled, and monitored via the web interface of the Shelly Gen3 or Gen4 host device.
- The Device comes with factory-installed firmware. To keep it updated and secure, Shelly Europe Ltd.
- Provides the latest firmware updates free of charge. You can download the updates through the built-in web interface of your Shelly Gen3 or Gen4 host device.
- It's the user's responsibility to install firmware up-dates. Shelly Europe Ltd. shall not be liable for any lack of conformity of the Device caused by the failure of the user to install the available updates in a timely manner.

## **Installation instructions**

**If you want to install the Shelly LoRa Add-on to a specific Shelly Gen3 or Gen4 device that is already connected to the power grid**

1. Turn the circuit breakers off and ensure there is no voltage at the terminals of the Shelly Gen3 or Gen4 device.
2. Attach the add-on to the Shelly host device as shown in Fig. 1. Make sure the brackets (A) lock on the Shelly host device hooks (B).
3. Enter the web interface of your Gen3 or Gen4 device to enable and set up the Shelly

LoRa Add-on feature.

Find a detailed explanation about how to navigate the web interface and set up your add-on here: <https://shelly.link/web-interface-guides>. If you want to install the Shelly LoRa Add-on to a specific Shelly Gen3 or Gen4 device that is NOT yet connected to the power grid

1. Turn the circuit breakers off.
2. Attach the add-on to the Shelly Gen3 or Gen4 device as shown in Fig. 1. Make sure the brackets (A) lock on the Shelly host device hooks (B).
3. Install the Gen3 or Gen4 device by following its user and safety guide.
4. Enable and set up the Shelly LoRa Add-on from the web interface of your Gen3 or Gen4 host device.

Find a detailed explanation on how to navigate the web interface and set up your add-on here: <https://shelly.link/web-interface-guides>

### **Shelly Cloud inclusion**

The Device can be monitored and controlled through our Shelly Cloud home automation service. You can use the service through either our Android, iOS, or Harmony OS mobile application or through any internet browser at <https://control.shelly.cloud/>.

If you choose to use the Device with the application and Shelly Cloud service, you can find instructions on how to connect the Device to the Cloud and control it from the Shelly app in the application guide: <https://shelly.link/app-guide>. The Shelly mobile application and Shelly Cloud service are not prerequisites for the Device to function properly. It can be managed solely via the host device's web interface or used (in combination with a host device) with various other home automation platforms.

### **Troubleshooting**

In case you encounter problems with the installation or operation of the Device, check its knowledge base page:

- [https://shelly.link/lora\\_add-on](https://shelly.link/lora_add-on)

## Declaration of Conformity

Hereby, Shelly Europe Ltd. declares that the radio equipment type Shelly LoRa Add-on complies with Directive 2014/53/EU, 2014/30/EU, and 2011/65/EU. The full text of the EU declaration of conformity is available at the following internet address:

- [https://shelly.link/lora\\_add-on\\_DoC](https://shelly.link/lora_add-on_DoC)
- Manufacturer: Shelly Europe Ltd.
- Address: 51 Cherni Vrah Blvd., bldg. 3, fl. 2-3, Sofia 1407, Bulgaria
- Tel.: +359 2 988 7435
- E-mail: [support@shelly.cloud](mailto:support@shelly.cloud)
- Official website: <https://www.shelly.com>

Changes in contact information are published by the Manufacturer on the official website.

All rights to the trademark Shelly® and other intellectual rights associated with this Device belong to Shelly Europe Ltd.

For the UK PSTI Act Statement of Compliance, scan the QR code




## FAQs

**Q: What should I do if the add-on is not connecting to my Shelly host device?**

**A:** If you are facing connectivity issues, ensure that the add-on is securely attached to

the host device following the installation instructions. You can also check for any firmware updates on both devices and reattempt the setup process.

## Documents / Resources

	<a href="#">Shelly LoRa Add-on Gen4 Host Device [pdf] User Guide</a> Gen3, Gen4, LoRa Add-on Gen4 Host Device, LoRa Add-on, Gen4 Host Device, Host Device, Device
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## References

- [🌐 Shelly Control](#)
- [🔗 Shelly Smart Control guide](#)
- [User Manual](#)

## Related Posts



[vivitek NC-X900 NovoConnect Add-On Device User Manual](#)

NC-X700 & NC-X900 User's Manual Get to Know Your Device What are NC-X700 & NC-X900 Product Features

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[How to Add the MergeTV App from your Device Installation Guide](#)

Installation Guide: Amazon Fire TV How to add the MergeTV opp from your device: An Amazon account is...



[3xDS18B20 Add-on for Shelly Plus Devices User Manual](#)

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## [Shelly PRO 3EM ADD-ON Switch User Guide](#)

Shelly PRO 3EM ADD-ON Switch Product Information

The Shelly Pro 3EM Switch Add-on is a galvanically isolated switch...

🔍 device, Gen3, GEN4, Gen4 Host Device, Host Device, LoRa Add-on, LoRa Add-on Gen4 Host Device,

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