

# LoRaWAN Bridge Relay





In LoRaWAN application scenarios, the Relay is primarily designed to address the issues of unstable or absent signals in certain areas. It offers high cost - effectiveness in blind - spot coverage applications. The Relay is extremely easy to install and is equipped with an installation detection function. This function enables users to identify and select the most appropriate installation location with ease.

# Engineered for harsh outdoor environments

The Relay features a housing crafted from ABS+PC material, endowing it with remarkable high - temperature resistance and corrosion resistance properties. With a waterproof rating reaching IP68, it is equipped with a large - capacity built - in battery and a high - performance antenna. These features render it fully adaptable for outdoor installation scenarios.



## Anti-interference

Counteract unstable electromagnetic interference and the obstructive effects of walls during data transmission, ensuring communication within harsh environments.

## Strong Signal Relay

Adopting LoRa spread spectrum communication technology, it supports ultra long distance data transmission, has strong penetration, and can easily cope with complex environments such as basements and dense buildings.

## Long Lifespan

Equipped with an industrial - grade low - power chip, it boasts a standby current as low as 1.9  $\mu$ A. Engineered to endure extreme temperatures from -20 °C to 60 °C, it offers a service life of up to 3 years.



# Antenna performance

The product is equipped with a high - performance PIFA antenna. Different frequencies are paired with different built - in antennas.

## Package information

Items	Description	Quantity
Relay	Relay host	1
Tapping screw	Used for product instalation and fixation	4
Expansion screw	Used for product instalation and fixation	4
Plastic cap	Used to protect screws	4



# Creating an **Eco** Society

Add: Building 23, No. 36, Changsheng South Road, Jiaxing, Zhejiang, China, 314000

[www.bovetech.com](http://www.bovetech.com)

+86(0)573 83525916

[bove@bovetech.com](mailto:bove@bovetech.com)

---

\*The images in the file are only for showcasing technological effects, and the actual product shall prevail.