WiFi Repeater

IN-EXT300

Installation Manual

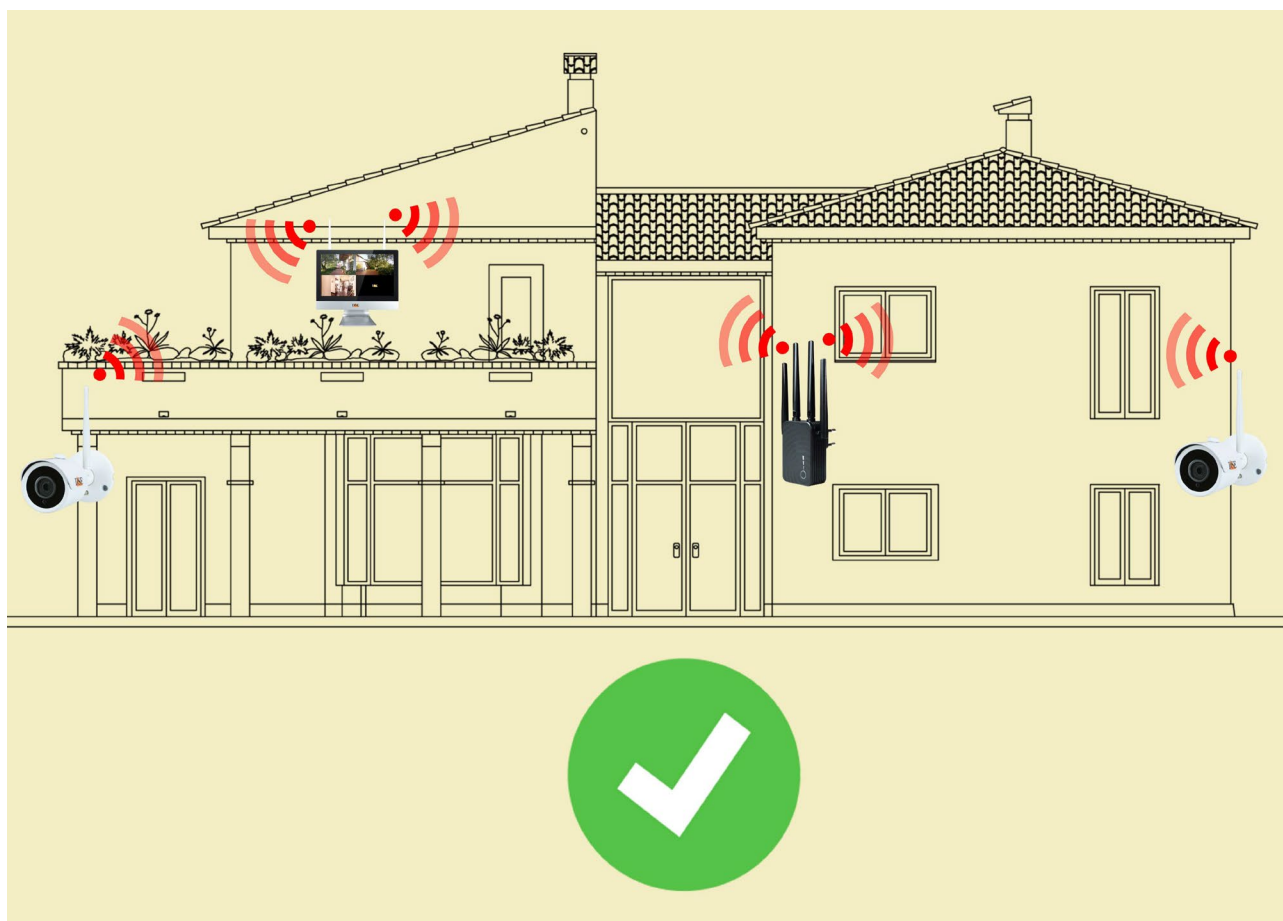How to install wifi repeater

What did you buy?

To bring your wifi network where you need it, you can use Access Points, connected via cable. If

you can't bring a network cable, you can still create a wifi Hot Spot using

This Wifi repeater, which connects wirelessly to an access point, such as the router, and relaunches its

signal. It is equipped with a built-in electrical socket so that it can be mounted directly on a

unused socket. With your mobile phone browser, you can connect the repeater to the most popular WiFi Hot Spot

close to replicate the signal. 4 omnidirectional antennas guarantee excellent range and

excellent obstacle crossing capabilities.

Select the repeater location

To install the repeater you just have to plug it into the power outlet. The position you choose is however essential for proper functioning.

The repeater must be installed at a certain distance from the router or access point that it must replicate, but without leaving its wifi coverage. You can check the signal strength with a cell phone.

Here is an example of a repeater installation. Note that the left camera communicates with the router, while the right camera connects to the repeater

Set up the repeater

The repeater is not ready to work when plugged into the socket. In order for it to perform its function

function you have to connect it to the wifi network (router or AP) that it has to replicate. This operation is

It works with the mobile phone browser.

Plug the repeater into a socket near the wifi signal that the device needs to replicate.

The front light turns on.

1 – FIND THE REPEATER NETWORK

Search for wifi networks with your mobile phone and you will find the wifi network generated by the 2.4GHZ repeater as

in this example with the name COM----

2 – CONNECT TO THE REPEATER NETWORK

Connect to the repeater network. By default, no password is required.

If your mobile phone warns you that this network does not have Internet, choose to continue and

maintain the connection. Make sure you have not activated any functions on your phone

that automatically leave Wi-Fi networks that do not allow Internet access.

Check that your phone remains stably connected to the new repeater network, if so

disconnect check in wifi settings and disable automatic switch options

better networks.

Don't worry if your phone will no longer be able to access the Internet via WiFi, after the

operations you will be able to return to your normal network.

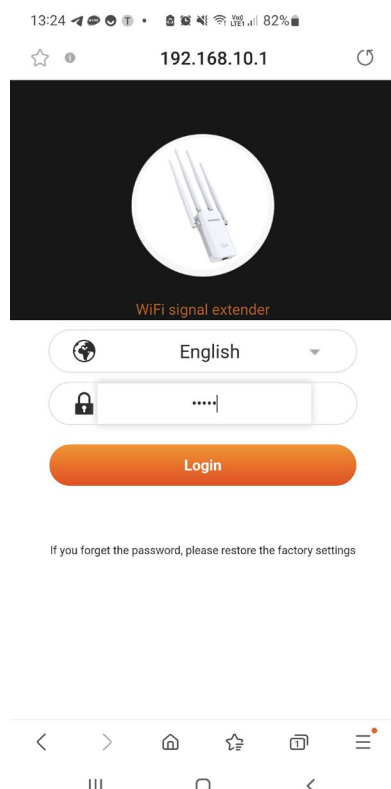This is what your device looks like when connected to the repeater network.

2 – ACCESS THE CONFIGURATION WITH THE BROWSER

To configure the repeater you do not need to download any app, just an Internet browser.

Open your phone's Internet browser and enter the following in the address bar:

192.168.10.1,which is the factory IP address of the repeater.

To access the device, choose the English language and then enter the factory password:
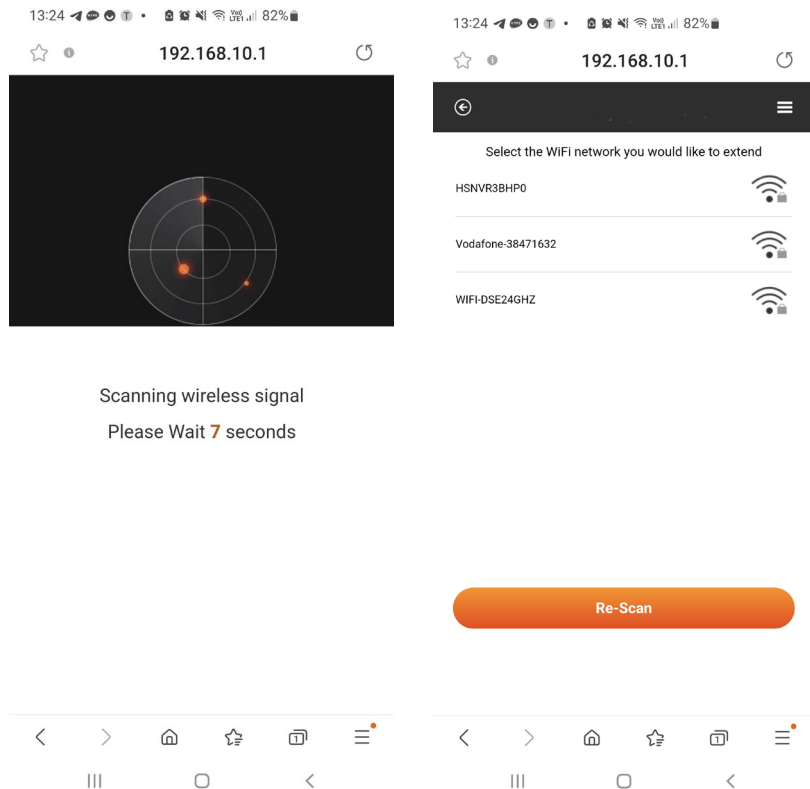
admin

FACTORY SETTINGS:

IP: 192.168.10.1

Password: admin

3 – CONNECT THE REPEATER TO THE WIFI NETWORK

The repeater automatically searches for available wifi networks and will find the one you want to replicate.

If your network is not listed, check that it is 2.4GHz because this repeater does not

supports 5GHz networks

Now it's time to connect the repeater to the Wifi network. Tap the network you want

replicate and do these operations:

- enter your wifi access password "

- in the THE DEVICE SSID box, you can optionally customize the name of the wifi network that

will be generated by the repeater and will normally have to be different from the name of the main network.

- press APPLY or CONNECT to connect to the network. The repeater restarts.

DONE – Your repeater is now ready to work and is extending your main wifi network to

which you linked it to.

The front LED must be lit solid BLUE and, by searching with your mobile phone, you must detect the new

repeater wifi network. You can connect to the repeater network with the same password as the network

original wifi.

Router and bridge mode

The repeater normally works in router mode, that is, it creates its own WiFi network with
address class different from the one upstream. The devices that connect to the repeater
They will still be able to access the upstream network because the repeater will act as a router.
If you need, you can change the repeater's operating mode by setting it to
Bridge mode, which however is not recommended unless absolutely necessary.
In this bridge mode the repeater will not assign IP addresses to the devices it connects to.
connect but will let the upstream DHCP server, usually the router, do it. In this
so that devices connecting to the repeater will have addresses of the same class as the network
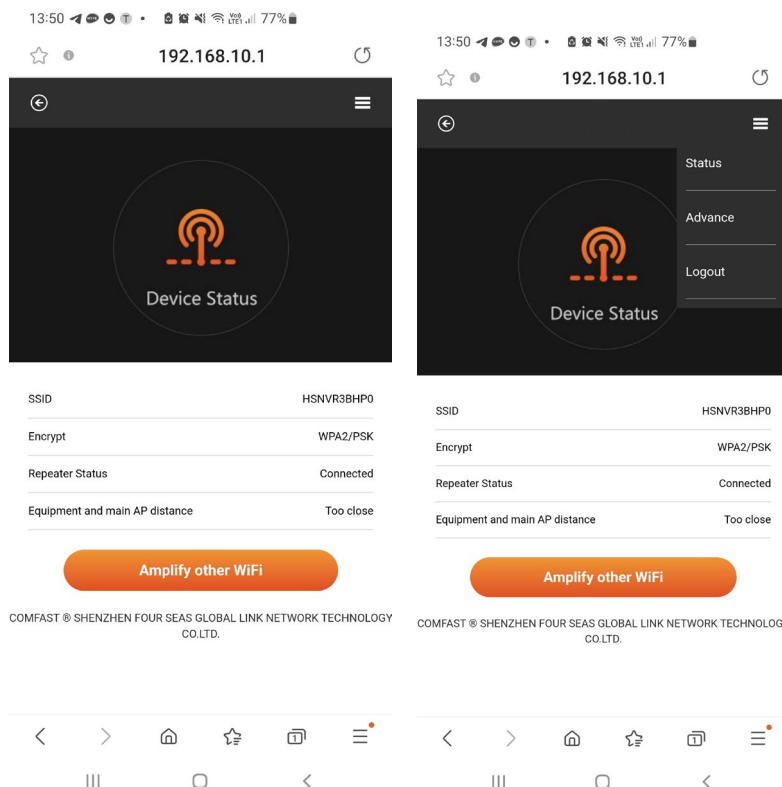mount. For example, it is necessary to set the bridge mode when you connect the repeater to
one of our wifi NVRs to increase its range.

HOW TO SET BRIDGE MODE

1 – Access the repeater configuration by connecting with the browser to 192.168.10.1 and
password: admin as seen above

2 - Click the menu at the top right and open the ADVANCE section

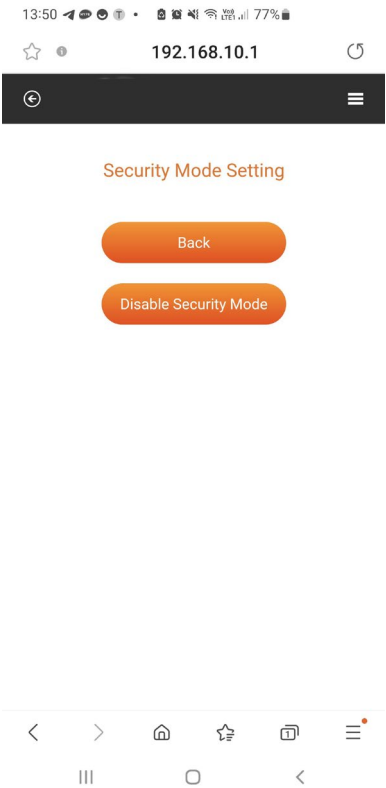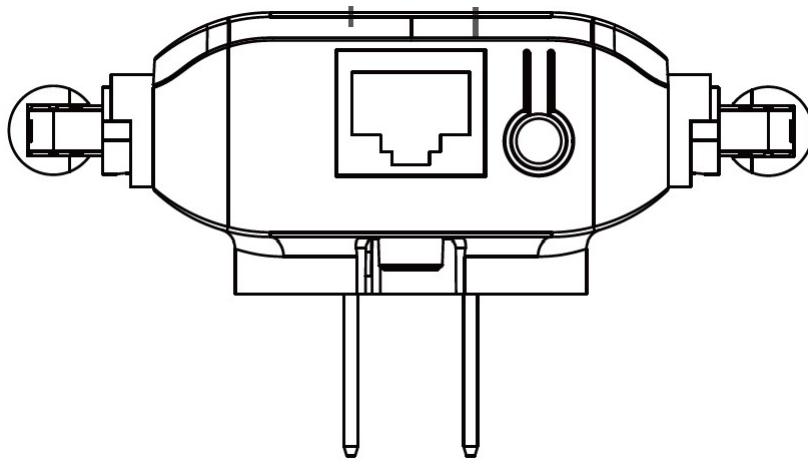3 – Click SECURITY MODE SETTING and then DISABLE SECURITY MODE. This

activates bridge mode. The repeater restarts.

Other features

FACTORY RESET

To return to factory settings, press and hold the button near the network port for more than
of 5 seconds. After the reset, the repeater returns to the factory IP and, at the first access, requires
to set a new user password

FRONT LED

GREEN LED = indicates the device is in operation

RED LED = weak upstream line wifi signal

BLUE LED = wifi network connected and good wifi signal

WPS

WPS is a quick pairing function between WiFi devices. If your router has a
WPS button, you can use it to pair the repeater to your router without needing to log in
to the configuration, as described above.

Press the WPS button on the router, then, within 50 seconds, briefly press the button on the
repeater, next to the network port. Do not press for a long time because otherwise, as described
above, you will perform a factory reset.

Finally I wait for the device to finish the automatic pairing and check to find the
your network among the phone's wifi networks.