



WiFi Repeater

IN-EXT1200



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.

This repeater supports both 2.4GHz (300Mbps) and 5GHz (1200Mbps) WiFi networks.

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 you have to connect it to the wifi network (router or AP) that it has to replicate. This operation is done 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 repeater like in this example with the name COM----

In this model you will find two networks: one 2.4 and one 5GHz.



2 - CONNECT TO THE REPEATER NETWORK

Connect to the repeater network, 2.4 or 5GHz. 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.

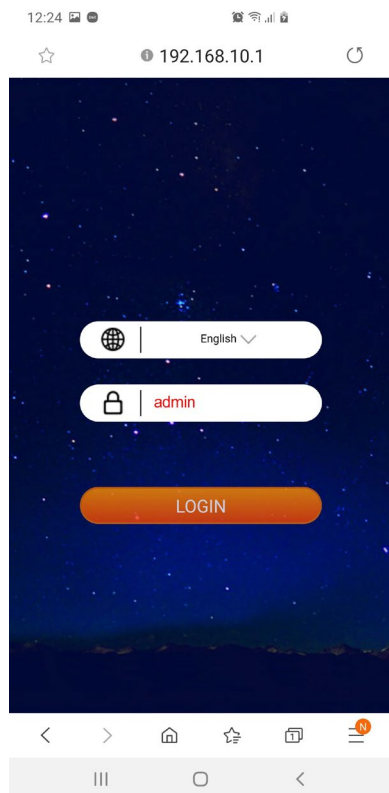


2 - ACCESS THE CONFIGURATION WITH THE BROWSER

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.



When you log in for the first time, you can set the password to use to access the configuration. Choose the English language and then set the password.

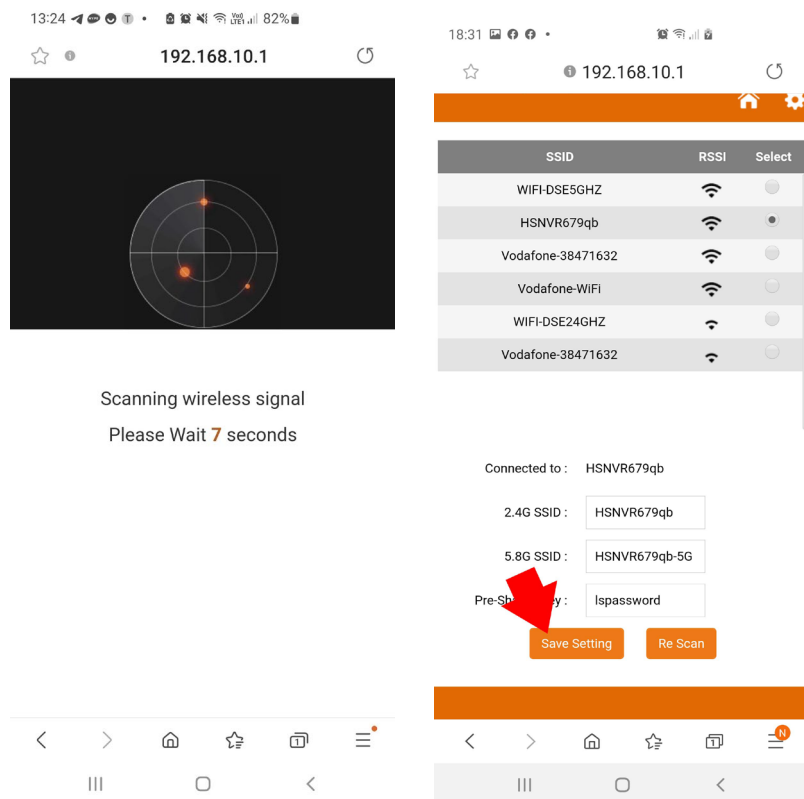
FACTORY SETTINGS:

IP: 192.168.10.1

Password: to be set at first login

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.



Now it's time to connect the repeater to the Wifi network. Tap the network you want replicate and do these operations:

- Select the wifi network to replicate
- enter your wifi access password in the PRESARED KEY box
- in the SSID boxes, you can optionally customize the name of the wifi network that will be generated by the repeater and which must normally be different from the name of the main network.
- press APPLY or CONNECT to connect to the network. The repeater restarts.

There are also two options you can choose at this stage

SSID	RSSI	Select
VodafoneStationDSE		☒
WIFI-DSE24GHZ		☐

Connected to : VodafoneStationDSE

2.4G SSID :

5.8G SSID :

Pre-Shared Key :

Combine WiFi : ☐ OFF
(Select the faster channel automatically)

Sync your device : ☐ OFF
(Same username and password as your router)

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COMBINE WIFI: If you activate this option the repeater will generate only one wifi network instead of two different (2.4 and 5GHz) and it will be automatically defined which frequency to use based on the client that connects

SYNC YOUR DEVICE: If you enable this option the new wifi network will use the same credentials as main network access.

DONE – Your repeater is now ready to work and is extending your main wifi network to which you linked it to.

The 3 front LEDs show the signal level of the main network.



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.

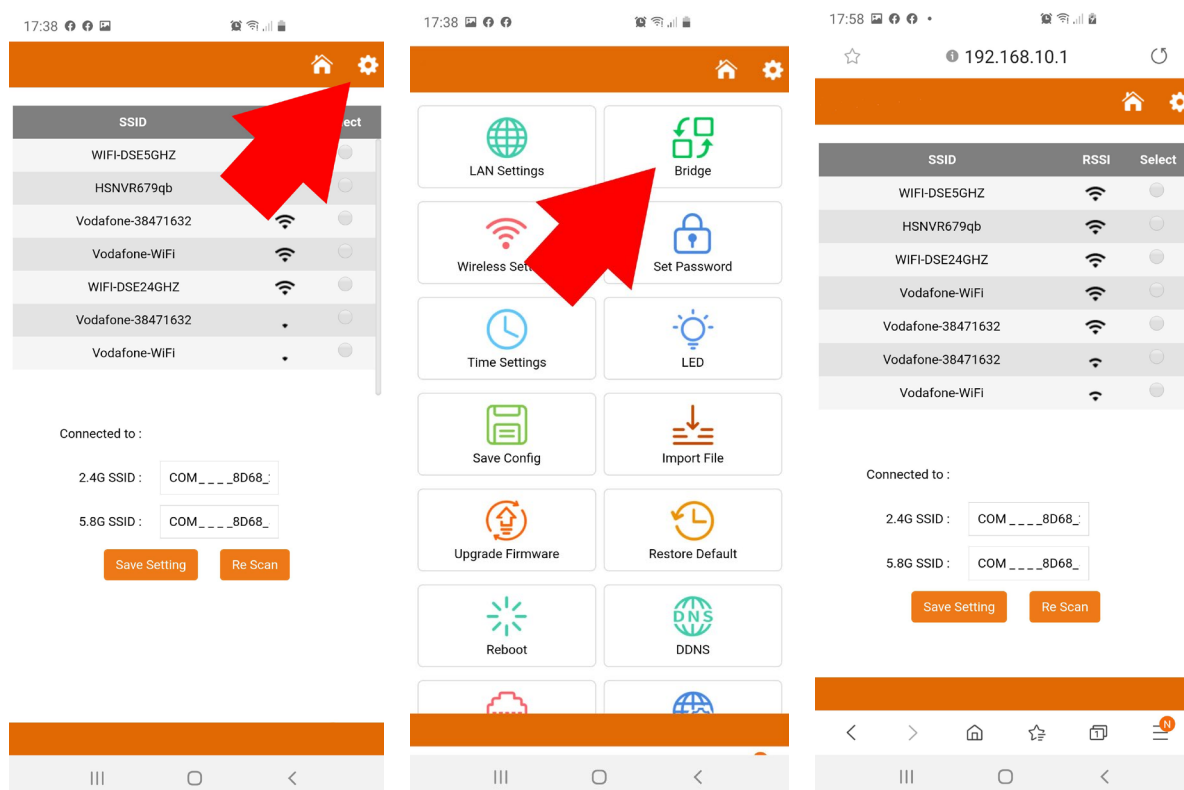
connect but will let the upstream DHCP server, usually the router, do it. In this

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 as seen previously.

2 - Click the menu at the top right and select BRIDGE. You can do this in the first configuration or even at a later time if you want to change the way the wifi network works router to bridge repeater.





3 – Choose the wifi network to replicate and enter the access data as in router pairing previous. The repeater restarts.



Other features

FACTORY RESET

To return to the factory settings, with the repeater emitting its wifi networks, press and hold the front button for 10 seconds. After the reset, the repeater returns to the factory IP and, at first login, requires you to set a new user password

FRONT LEDS

BLUE LED 1,2,3 = signal level of the main wifi network

OTHER WAYS

The repeater can also work in other wifi modes, for example as a Wifi Access Point or as a WiFi Router. To use these modes or configure advanced options press the icon HOME at the top right of the app.

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.