

WiFi Repeater Kit

WiFi Repeater



Installation manual

How to install the repeater in a wireless kit



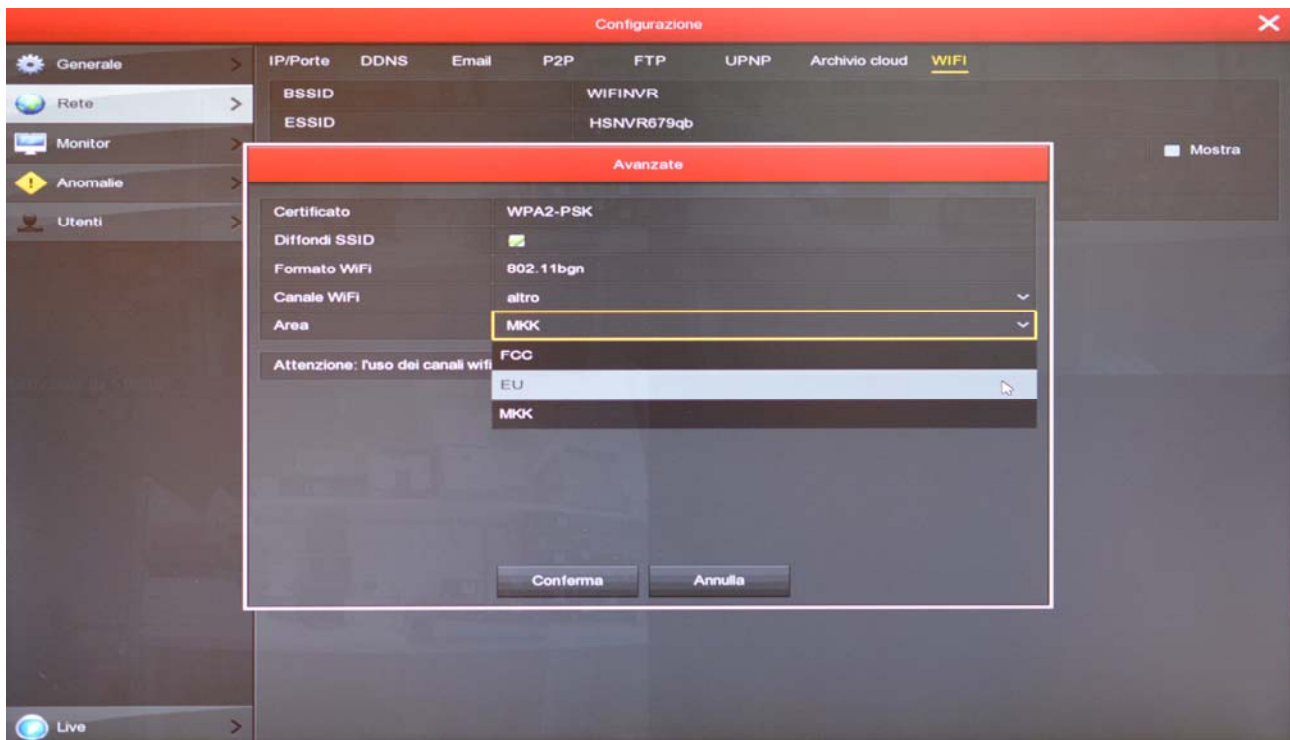
What have you bought

The WiFi kit RKK series allow a maximum distance between cameras and NVR of about 4-5 rooms. If you place your RKK-KIT1 repeater within range of the signal rilancerai kit for further 4-5 rooms. You can use a maximum of two repeaters in a kit.

This manual tells you how to install the repeater, from an already functioning kit.

Make visible the network of NVR

The first thing you need to do to install a wifi repeater in your kit is to make the wifi network NVR visible from external devices such as a mobile phone. This operation can play in the NVR of the settings in the NETWORK / WIFI section and pressing the Advanced button



The important item AREA. By default you'll find your NVR in FCC or MKK area for its wireless network is not visible to other devices. Selection AREA: EU and verify that the check on presnet SPREAD SSID. After awards CONFIRM and then APPLY. When done, restart the NVR. Do not fear for your kit, this change does not change anything in the communication between NVR and cameras, but simply makes visible the wifi nvr network, which will come in handy in the installation of the repeater.

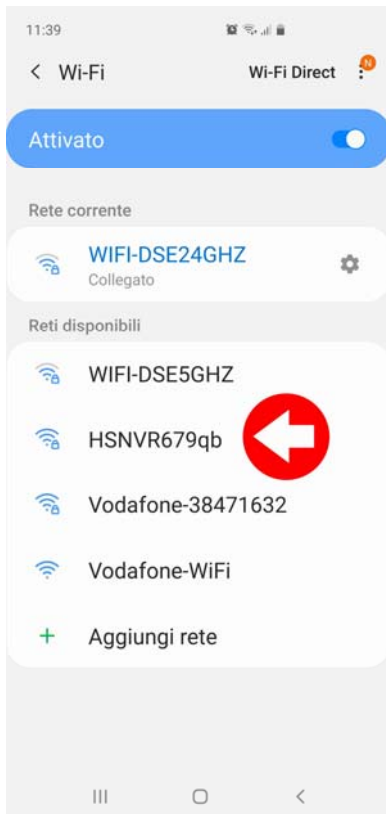
If you now explore the available wireless networks, with a phone or tablet, find the Network NVR from wifi networks. The network name is called the SSID.

INSTALLATION MANUAL

SERIES RKK - WIFI BOOSTER



Page: 4



In wifi NVR settings even find the
of the wireless network access password to the factory it is "lpassword"
(The first letter is a lowercase L)

Now you have full control of the wireless network of your NVR: NVR can see the wifi network with other devices, you know its name (SSID) and password.

Choose the location of the repeater

To install a repeater EXT1 RKK-you just plug it into the outlet. The position you choose it is crucial for the proper functioning.

1 - ONE REPEATER RKK

The repeater should be installed at a certain distance from the NVR, but without departing from its wifi coverage. You can check the signal strength with a mobile phone. Once installed the repeater also has a lighting around the front panel button: the red light indicates that the main network signal is insufficient, the blue light instead of the reception is correct.

Here's an example of a repeater installation. Note that the left camera communicates with the NVR, while the right camera connects to a base station



1 - TWO REPEATERS RKK

To also cover large areas you can install in your system up to 2 repeaters. If you do this

INSTALLATION MANUAL

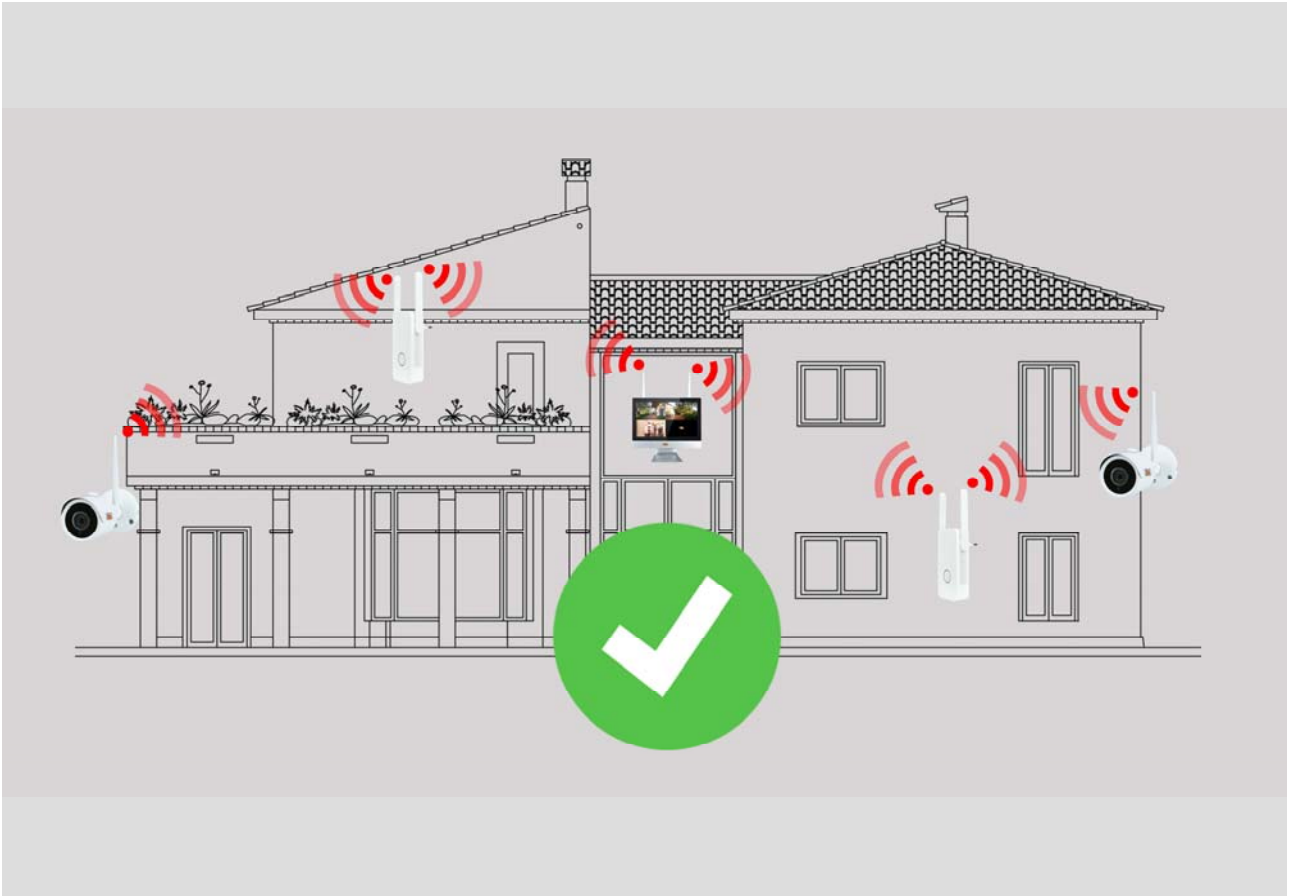
SERIES RKK - WIFI BOOSTER



Page: 6

remember that the two repeaters are arranged in opposite directions from the NVR and never in the same direction. If you install two repeaters on the same side nell'NVR risks that they connect with each other and your system does not work. It is not recommended to install more than two repeaters in a system.

See below an example of an installation with two repeaters.



INSTALLATION MANUAL

SERIES RKK - WIFI BOOSTER



Page: 7





Connect the booster purchased along with the wireless kit RKK

If you purchased your wifi repeater along with your wifi kits have to worry about any configuration, because you are given already matched to your NVR, ready to work. The cameras will automatically connect to the repeater if the network proves the NVR is not available because too far away.

Enter the repeater halfway between the NVR and a camera too far away to allow the reception. Booster allows you to boost the wifi signal of NVR to reach the most distant cameras.

If you bought the repeater with the kit, you can avoid studying subsequent chapters, where we talk about configuring a repeater purchased separately.

Configure a repeater not purchased with the kit.

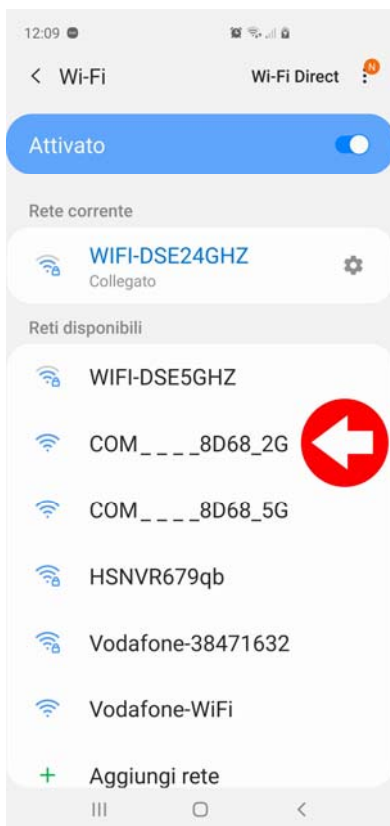
If you have not purchased a repeater with the kit, do not worry. And 'quite common to buy it later to solve flow problems due to unforeseen obstacles.

In this case, before you can use the repeater, you must connect it to your NVR wifi network, following the instructions below.

Enter the repeater into a socket near the NVR. Then, after the configuration, you will go to settle into its final position. The front light is switched on.

1 - SEARCH FOR NETWORK BOOSTER

Search wifi networks with your phone and you'll find the two networks generated by repeater, 2.4 and 5GHz as in this example



2 - CONNECTED TO THE NETWORK BOOSTER

Connect to the 2G network repeater. By default, you do not need a password.

When your phone alerts you that this network has no Internet, choose to continue and

maintain the connection. Be careful not to have activated in your phone functions that automatically abandon the WiFi networks that do not allow access to the Internet. Check that the phone remains permanently connected to the new repeater network.

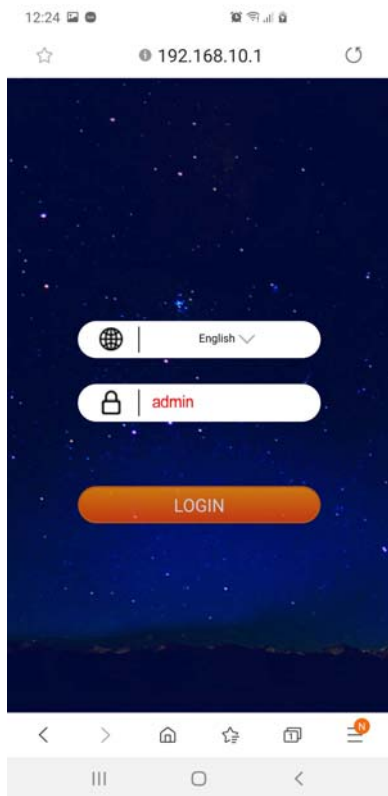
Do not worry if now your phone will not access the Internet via wifi, when finished you will return to your regular network.

Here's what your device is connected to the repeater network.



2 - GO TO SETUP WITH THE BROWSER

To configure the repeater does not need to download any app, but just your Internet browser. Open your Internet browser on your phone and enter in the address bar: 192.168.10.1, which is the IP address of the repeater factory.



To get access to the device you choose English and then type the default password: admin

FACTORY DEFAULT SETTINGS:

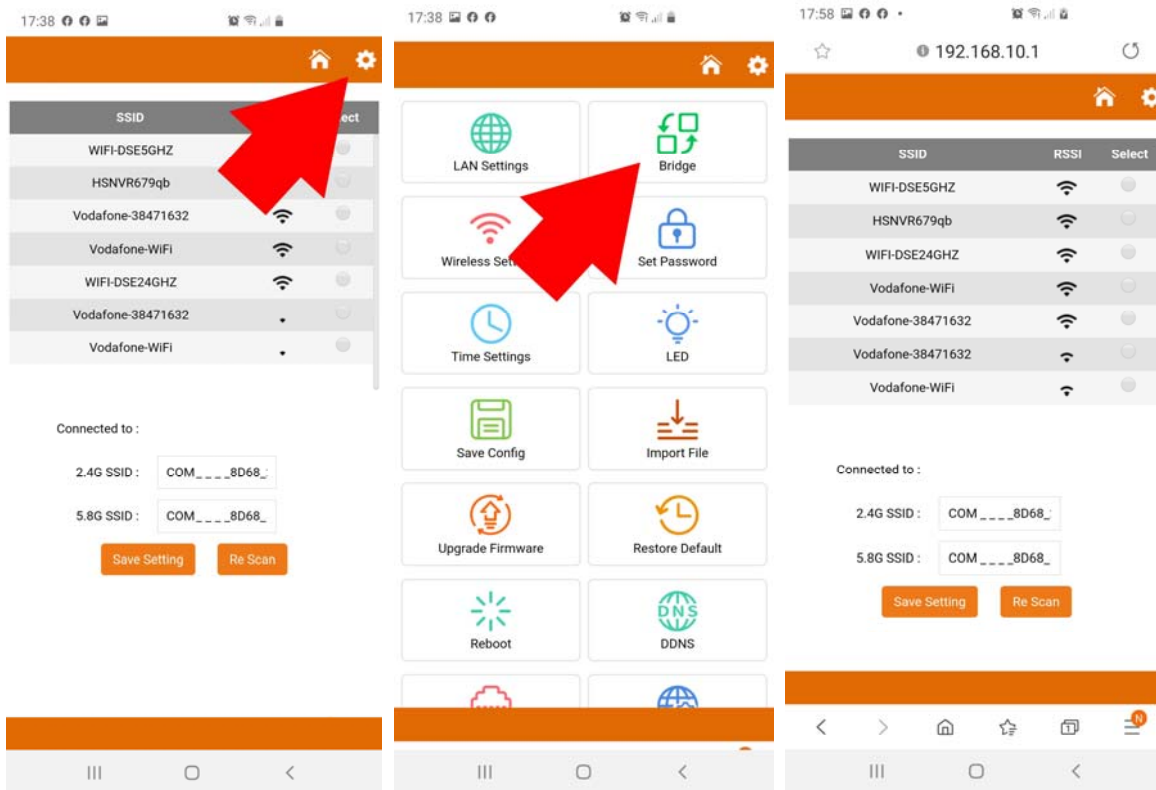
IP: 192.168.10.1

Password: admin

3 - MAKE THE RULES 'BRIDGE

Once logged on, the repeater automatically scans the available wireless networks and you proposes to make the connection. However it is not yet time to connect to the wifi of the NVR. If I connect to you now, the repeater would create its own subnet, with IP different from those of the original network, and this would be bad for your wifi facility. You have to log in BRIDGE mode, so the repeater create a network with the same class of core network addresses, the NVR.

Click SETTINGS, and then BRIDGE awards. You start a new scan in this mode.



4 - CONNECTED TO THE NETWORK OF NVR

Now it is time to connect the repeater to the NVR network. If you are close to the NVR, you will see the network of NVR from the available wireless networks. If you do not see the NVR network controls how to make it visible in the previous chapters. Tap the NVR network and do the following:

- enter the default password "lspassword".
- 2.4G in the SSID box, delete the last three characters "2G"
- SAVE SETTING awards to connect to the NVR.

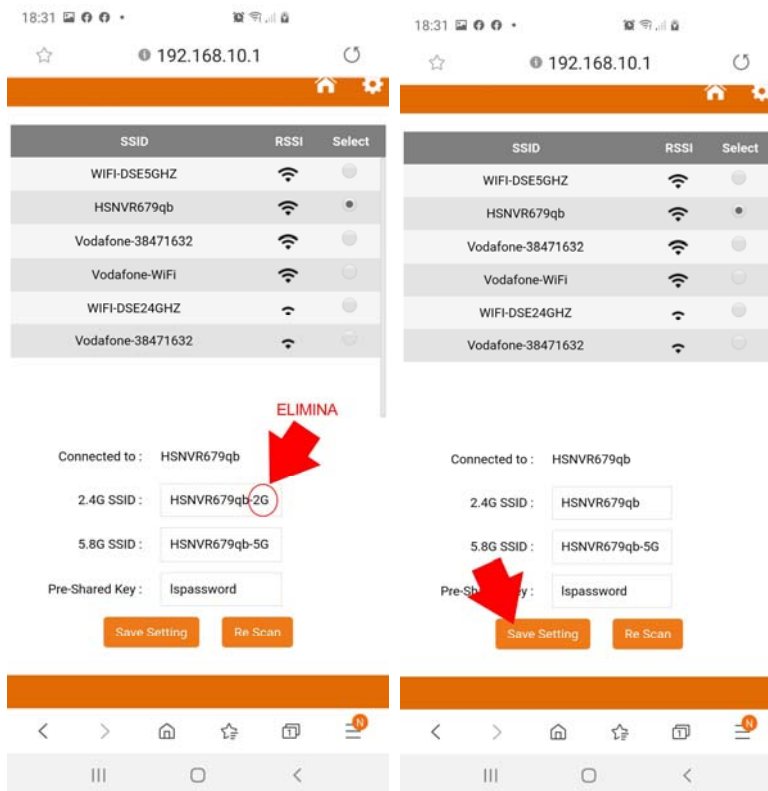
It 'very important to delete 2G 2.4G characters in the SSID box to make sure that the SSID of the repeater is the same as the original network of the NVR. The cameras of our kits aim to find the SSID of your NVR and need to find the same SSID in order to connect repeater.

INSTALLATION MANUAL

SERIES RKK - WIFI BOOSTER



Page: 13



FINISHED!

Now the repeater is connected to the wifi network of NVR and it raises the signal. The settings are saved even in the event of power failure. You can now remove the repeater from the socket and place it where you really should work.



Other features

FACTORY RESET

To return to factory settings, with the repeater which emits its wireless networks, press and hold the front button for 8 seconds. After reset, the repeater returns with the IP Factory and at the first time, asking to set a new user password

WPS

The RKK repeater supports WPS devices connection. To activate the connection WPS press the front button for 1-2 seconds.

LED FRONT

Red light = signal of insufficient main wifi network

Light blue = signal of the main wireless network sufficient

Light multicolor = Restarting

OTHER RULES '

The repeater can also be operated in other wifi mode, such as a Wifi Access Point or as a WiFi router. To use these modes or configure advanced options, press the HOME icon in the upper right in the app.