Plug & Play WiFi IP Kit

IP cameras and NVR WiFi

Advanced Configuration Guide

How to configure all system settings How to connect the camera to your wireless network

Contents of this handbook

The WiFi kit RMK series are designed to create small wireless video surveillance systems are ready to operate in minutes and can be installed without any specific knowledge. This manual explains how to make advanced settings to use to the maximum the system and how to connect the camera to your wireless network to install they can be distant from the NVR.

CAUTION

The kit Plug & Play Wi-Fi are designed to be installed by staff totally lacking in technical knowledge. Changing these advanced options, however, it requires at least a basic competence in the field. If you do not feel safe, do not read this manual. You do not need to modify the advanced options to use the system.

Open the configuration menu

You can configure several advanced options in your system. First you have to enter the setup menu. Follow these instructions.

1 - OPEN THE CONFIGURATION MENU

Click the Menu icon in the control panel below the screen. It opens the configuration menu.

2 - SELECT THE SECTION THAT YOU ARE INTERESTED

Click one of the six icons for opening of (RECORDING) recording setup, motion detection (MOTION), Network Menu (NETWORK) and system (SYSTEM). In the following pages you can find explanations of these sections.

Recording options

You can configure several advanced options for the NVR to record the way you want. Follow these instructions.

1 - CLICK BUTTON RECORDING

In this section you can change the way your system records

2 - CHOOSE FOLDER ENCODE (coding)

ROOM NO. - Choose the camera you want to configure CAMERA NAME - From an identifying name to the camera.

OSD DISPLAY POSITION - Drag on the screen where you want the date imprint RECORD AUDIO - You need to record audio of the camera

ENCODING PARAMETERS - The following 3 parameters are dependent on this entry. Choose *main stream* to set the record coding, choose *sub stream* to configure the "light coding" to use the Internet.

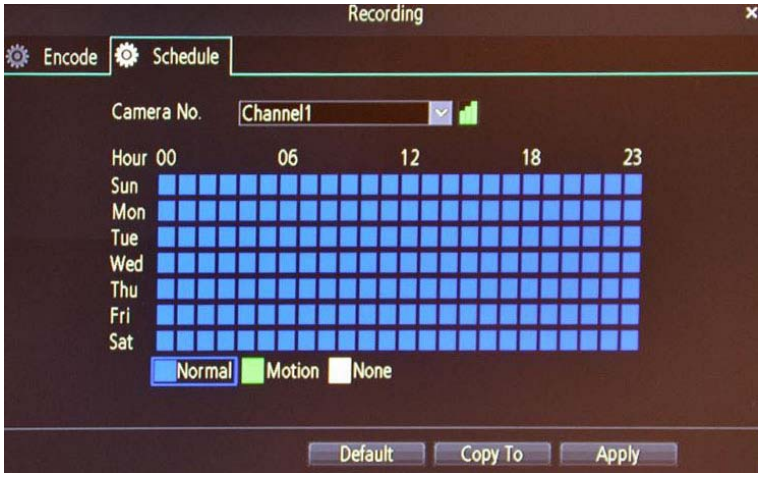
RESOLUTION - Select the video resolution to use in the video stream MAX. FRAME RATE - Choose the maximum number of frames of the video stream MAX. BITRATE - Choose the maximum bandwidth occupied by the video stream

3 - CHOOSE THE MATCH SCHEDULE (calendar)

ROOM NO. - Choose the camera you want to configure

PAINT THE TABLE - The table contains the times and days of the week. By default all hours are blue, which means: *continuous recording.* Color in green the hours where you want to record only in the event of pedestrian traffic (*motion)* White and the hours where you do not want to record.

TO COPY - Copy programming on other cameras



Detection Options

You can configure the way your system detects the presence of people. Follow these instructions.

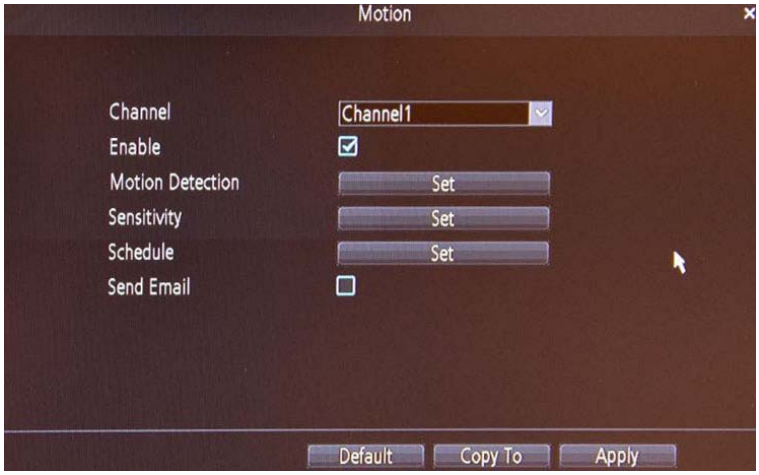
1 - CLICK BUTTON MOTION

In this section configure the motion detection

2 - SELECT THE CAMERA

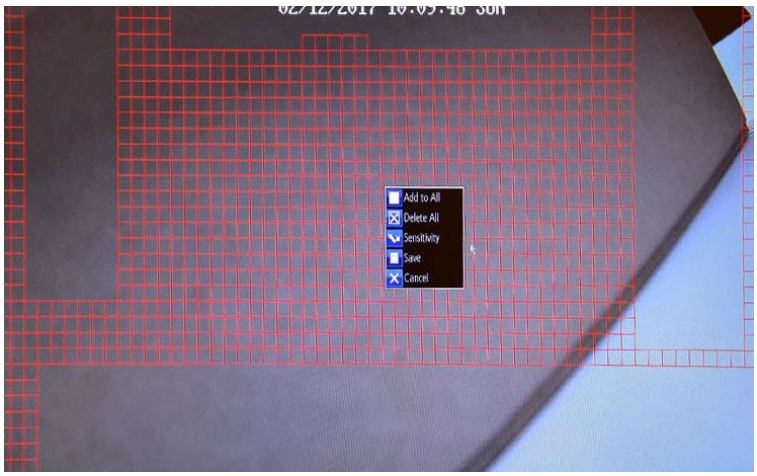
CHANNEL - Select the camera that you want to configure

ENABLE - Select whether you want to use motion detection of this camera SEND EMAIL - Select whether you want to send an email to every detection COPY TO - Copy programming on other cameras



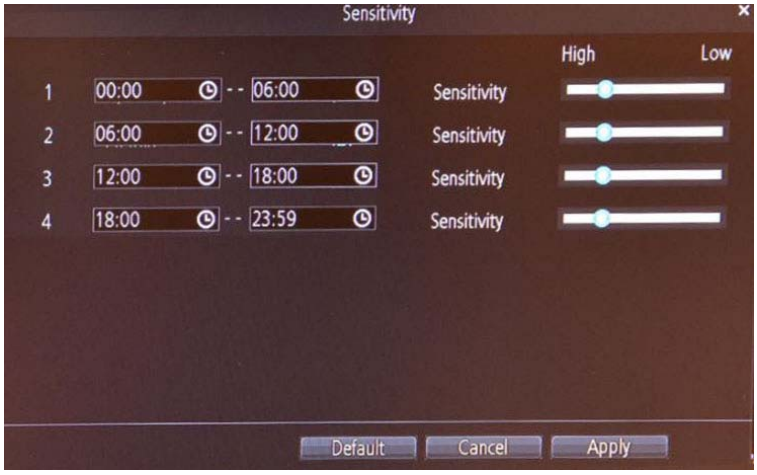
3 - PRESS THE BUTTON MOTION DETECTION

Here you can exclude some areas of the image from motion detection. It should exclude areas where they can be movements that are not relevant for you. The red boxes are active. Clear with the mouse the areas that you want to exclude. When you're done click on the right mouse button and press SAVE to save.



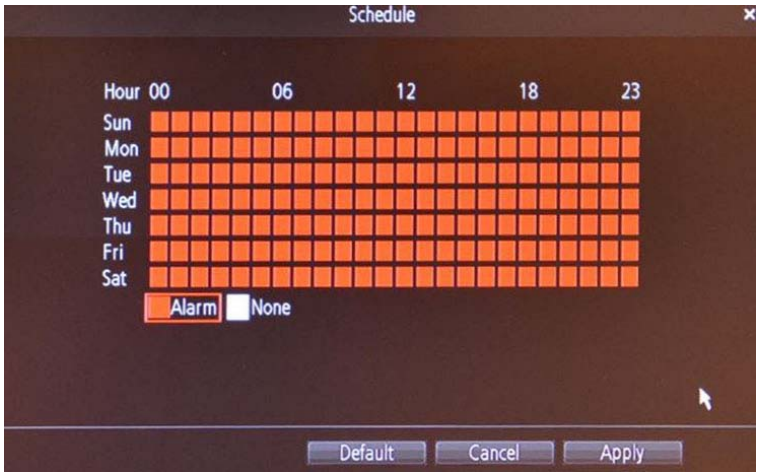
4 - PRESS THE BUTTON SENSITIVITY

Here you can adjust the sensitivity of the motion detection, so as to avoid false detections. You can define up to 4 daily time zones with different sensitivity.



5 - PRESS THE BUTTON SCHEDULE

The table contains the times and days of the week. By default every hour is red, which means: *detecting active movement*. Color in white the hours where you do not want to detect the movement of people.


Schedule
Hour 00
06
12
18
23
Sun
Mon
Tue
Wed
Thu
Fri
Sat
Alarm
None
Default
Cancel
Apply

Network Options

You can change the parameters by which your system communicates with your network. Be careful because if you change this information improperly can make your NVR unreachable over the network. Follow these instructions.

1 - CLICK BUTTON NETWORK

In this section configure the network parameters

2 - CHOOSE FOLDER GENERAL

Here you can find the network parameters that allow your NVR to communicate with your network and that they have been allocated automatically (DHCP). In particular it is useful for you to know the IP ADDRESS (IP address) who can be used to connect to your machine with the browser. You can choose to set the parameters manually (STATIC), but you'll want to do it only if you have a full power of your network.

2 - CHOOSE FOLDER ADVANCED

EMAIL SETTING - You can set the parameters of your SMTP server to send email alarm in case of motion detection. Ask your mail provider to enter the correct parameters

SERVER PORT - It 'TCP / IP port used by the NVR for sending data. Do not change it, unless you do not do it competently.

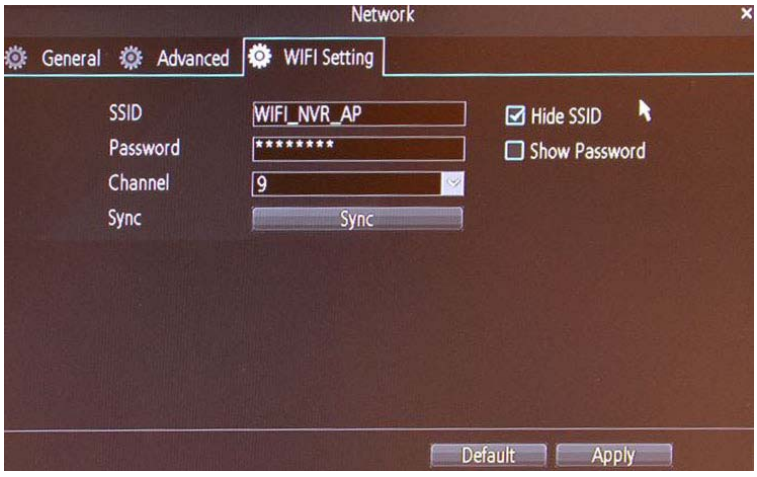
HTTP PORT - It 's the HTTP port used by the NVR to communicate with the browser. Do not change it, unless you do not do it competently.

NTP - You can make the time your system will automatically synchronize with an NTP server on the Internet. You must enter the parameters required by the service provider. If you do not know which ones to use, keep the factory records.

UID - This is the code that identifies your NVR on our CLOUD P2P servers and allows you to connect via the Internet so easy. You know it is useful if you need to enter the connection data in the APA Streamview or SmartClient program manually, when you're not connected to your internal network.

3 - IGNORE THE BRIEFCASE WIFI

This folder contains the WiFi network parameters with which the NVR communicates with the camera. You may not modify this section.



General Options

You can change the general settings of your system. Follow these instructions.

1 - CLICK BUTTON SYSTEM

In this section constitutes the system parameters

2 - CHOOSE FOLDER GENERAL

LANGUAGE - It 's only available English- language difficulties If you follow this VIDEO STANDARD manual. In Europe uses PAL

DISPLAY RESOLUTION - Set the resolution of VGA and HDMI video outputs to the monitors. Select the highest supported by your monitor, possibly 1920x1080. Do not be afraid to try the higher resolutions, so if your monitor does not support it, the DVR returns back alone.

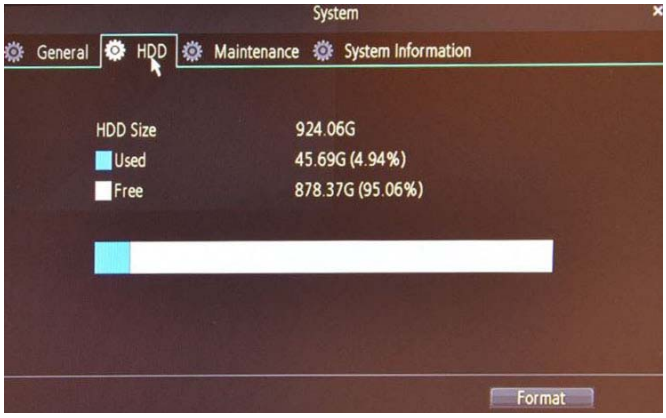
TIME ZONE - Set the time zone: GMT + 1 in Italy SYSTEM TIME - Set the date and time of the system

SYNC WITH TIME SERVER - Press to synchronize the date and time via the Internet DST SETTING - You can program the automatic switch from summer time to winter time. In Italy the DST OFFSET is 1 hour. The daylight saving time occurs on the last Sunday of March and back to winter time on the last Sunday of October.

3 - CHOOSE FOLDER HDD

This folder shows you the hard disk information of the NVR with the space used (USED)

and free (FREE). You can format the hard disk to delete all recordings using the FORMAT button.



4 - CHOOSE FOLDER MAINTENANCE

ENABLE AUTO REBBOT – Abilita se desideri fare il riavvio periodico del tuo sistema AUTO REBOOT AT – Scegli in che giorno e ora riavviare automaticamente il tuo sistema UPGRADE – Con questi pulsanti puoi aggiornare il software del tuo NVR

DEFAULT SETTING – Ripristina la configurazione di fabbrica dell'apparecchio, inclusa la password di accesso

Collegati alla tua rete Wi-Fi

L'NVR del tuo kit plug&play crea una rete WiFi a cui le telecamere si collegano automaticamente. La portata di trasmissione è quella del WiFi domestico, per cui non puoi allontanare troppo le telecamere dall'NVR perché poi il segnale si attenua e diventa insufficiente.

Se disponi di una tua rete WiFi, puoi collegare le telecamere alla tua rete WiFi invece che alla rete creata dall'NVR. In questo modo puoi allontanare le telecamere dall'NVR, ovunque la tua rete abbia copertura. E' un buon sistema per ampliare il raggio d'azione del tuo kit.

Per collegare una telecamera alla tua rete WiFi segui queste istruzioni.

1 – SPEGNI IL TUO NVR

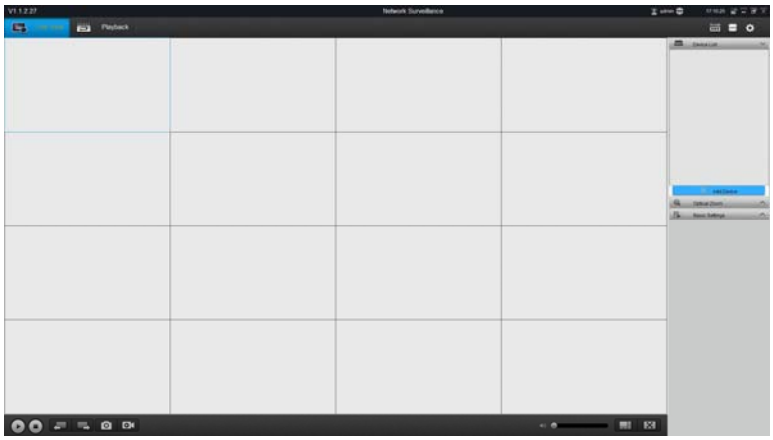
In questo modo eviti di fare confusione fra i dispositivi che troverai in rete. Per spegnere l'NVR stacca lo spinotto di alimentazione.

2 – COLLEGA LA TELECAMERA CON UN CAVO DI RETE

Collega la porta filare della telecamera a una porta libera del tuo router o switch. Lascia collegato l'alimentatore al suo connettore 12VDC.

3 – AVVIA SMARTCLIENT SU UN PC DELLA RETE

Installa il programma SMARTCLIENT che trovi nel CD su un PC della tua rete. Se hai bisogno di maggiori istruzioni leggi il manuale specifico del software SMARTCLIENT. Fai attenzione che il PC deve essere collegato alla tua rete, dove hai collegato la telecamera.



4 – CLICCA "ADD DEVICE"

Premi ADD DEVICE e il programma troverà da solo la tua telecamera che hai collegato alla rete. La trovi elencata nella tabella

5 – INSERISCI LA PASSWORD

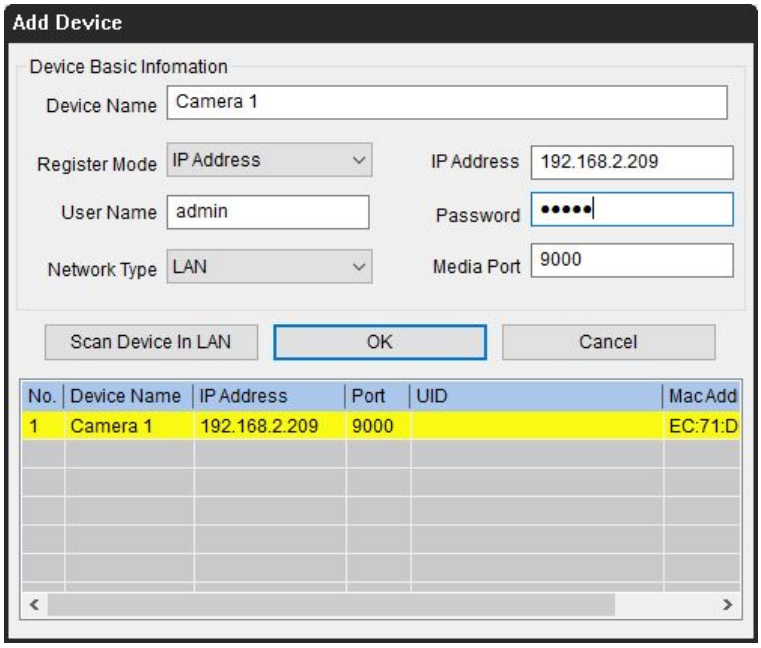
Fai doppio click sulla telecamera nella tabella e inserisce la password 12345 Fai attenzione perché la password per accedere alla telecamera non è quella che hai inserito nel NVR per il tuo impianto.

I dati di accesso di fabbrica delle telecamere Serie RM sono:

NOME UTENTE: admin

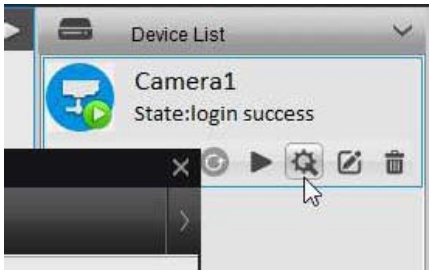
PASSWORD: 12345

Lascia tutti gli altri dati invariati e clicca OK per aggiungere la telecamera



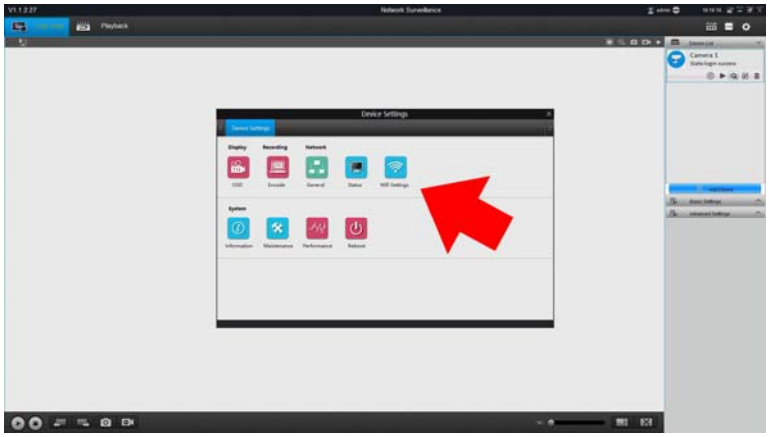
5 – ENTRA NELLE IMPOSTAZIONI DELLA TELECAMERA

La tua telecamera è ora nell'elenco dei dispositivi. Controlla che lo stato della telecamera sia: LOGIN SUCCESS, ossia: accesso avvenuto correttamente. Se vuoi, per verificare che tutto sia a posto, puoi fare doppio click sulla telecamera per vedere l'immagine live. Clicca la piccola icona delle impostazioni per accedere alle opzioni della telecamera.



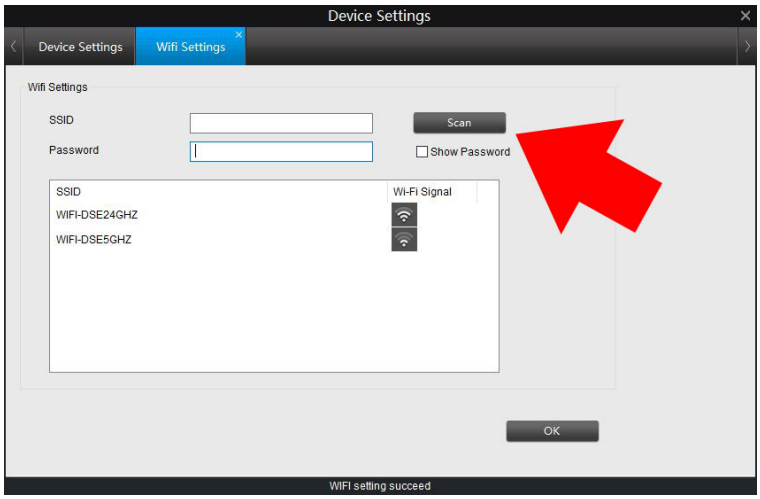
5 – PREMI IL PULSANTE WIFI

Nel menu di configurazione delle telecamere scegli l'icona WIFI SETTINGS



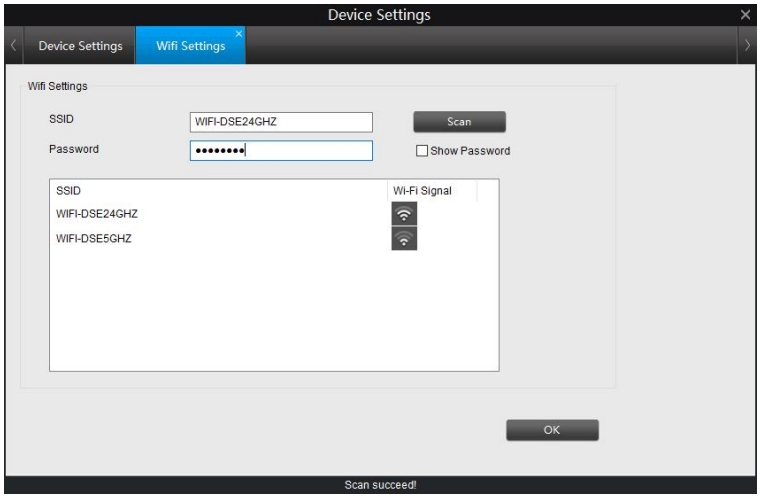
6 – PREMI IL PULSANTE SCAN

Premi il pulsante SCAN per rilevare le reti WiFi disponibili intorno alla telecamera



7 – SCEGLI LA TUA RETE WIFI E INSERISCI LA PASSWORD

Fai doppio click sulla rete WiFi a cui desideri collegare la telecamera e inserisci la password di accesso. Se la tua rete ha diversi access point, scegli quello con il segnale migliore. Premi OK per stabilire la connessione. Verifica che compaia il messaggio WIFI SETTING SUCCEED in basso nella finestra che indica che la connessione è stata stabilita.



8 – SCOLLEGA IL CAVO DI RETE

A questo punto la telecamera è collegata alla tua rete wifi e puoi scollegare il cavo di rete perché d'ora in poi non sarà più necessario.

Anche se dovesse mancare alimentazione, la telecamera è in grado di ricollegarsi alla tua rete wifi autonomamente.

Ora puoi sistemare la tua telecamera in qualunque posto, anche lontano dall'NVR, purchè coperto dalla tua rete WiFi.

9 - Rekindle The NVR

Rekindle the NVR. Find You own your camera in your network without you having to do anything.