

# Smart Home Cameras

## DM series



### Installation manual

How to install Smart Home cameras



## What have you bought

These wifi cameras are called Smart-Home because they are intended for home automation. You can connect these cameras to your WiFi network and then control them as you wish with the Smart Life home automation app, even via the Internet. With the Smart Life app you can also control our remote controls and our intercoms of this DM series that allow you to create your own smart home

This manual tells you how to install and configure the cameras.



## **Electrical connection cameras with power supply**

These Smart-Home cameras are WIFI and for this they only require the power supply that you supply via the supplied 12V power supply.

## **Electrical connection battery-powered cameras**

Battery-powered Smart-Home cameras can work without any electrical connection, thanks to their internal battery. These cameras are equipped with a PIR presence detector and can be used successfully in areas where there is an occasional passage of people.

These cameras work normally in stand-by condition consuming very little battery. If the PIR sensor detects a presence, they are activated to record the video and possibly to send notifications. They are also activated when a remote connection with the app is requested.

Thanks to this system, these cameras can operate for many days before requiring battery charge. A solar panel is also available which is able to automatically recharge the batteries.

When the battery runs out, you can receive an alert notification to proceed with recharging the battery. The battery is recharged by connecting a USB power supply or a computer. A red LED stays on during charging and turns green when charging is complete.



## Positioning

When choosing the installation position of the cameras, pay attention to these precautions

### CHECK THE WIFI COVERAGE

Before placing the camera in its final location, remember that this device must connect to your wifi network in order to function. You should therefore check with your mobile phone that the point where you want to put it there is good coverage of your wifi network. If you see that the signal is poor, you should intervene on your wifi network, perhaps enhancing it with a repeater.

Do not install the product in an area with poor wifi signal as it would then be unreliable in its operation.

## SD card

Smart-Home cameras can record video on a micro SD card (not included) that you can insert inside. The SD card slot is located behind the protective door. You can insert any Class 10 SD card with capacities up to 128GB.

## Reset

Smart-Home cameras are always equipped with a reset button that you can find between the connections, or behind the protective door. Press and hold this button for a few seconds if you want to restore factory conditions to pair the camera to a new wifi network.

A voice message notifies you of the reset in progress.

You must perform this reset if you want to connect your camera to a new access point, even within your own LAN network.



## Download the Smart Life app

In order to use the camera with your mobile you must first connect the device to your wifi network. To do this you need the APP **Smart Life** which you can download for free from Google Play or Apple Store. It is a very popular home automation app that uses the Tuya platform.



At the first start you have to create an account by entering a valid email address. Press **CREATE A NEW ACCOUNT** and then wait for the code via email to confirm your subscription.

If you don't have an email address you can also use your phone number by pressing **Use Phone Number** and get the verification code via text message

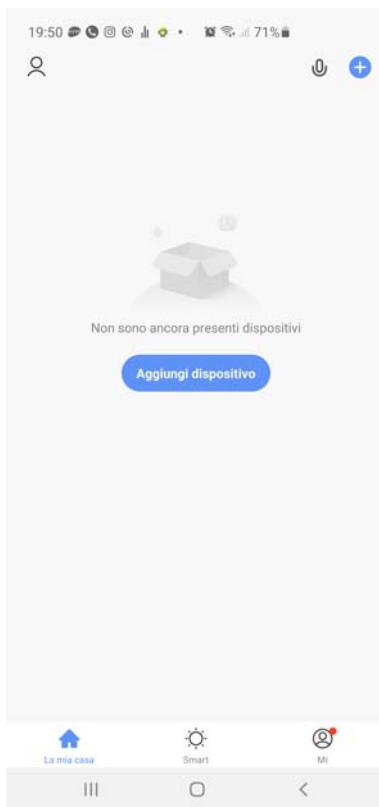
Once you have created your account, you have your own space in the cloud where you can upload all your cameras and also many different devices, such as our WiFi remote controls or our WiFi video intercoms of this series.

## Configure the camera with QRcode

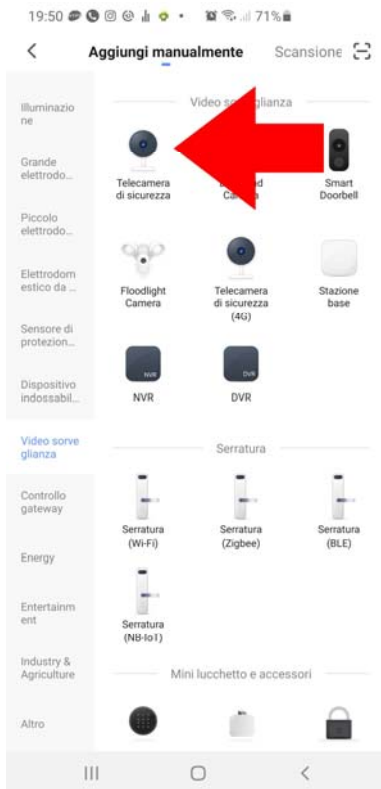
In order to use the camera with your mobile you must first connect the device to your wifi network. It is a very easy operation to perform, thanks to the APP you just downloaded which has an automatic configuration mode with QRcode.

Connect the camera to the power supply by placing yourself near the wifi hotspot you want to connect to in order to be sure that the WiFi signal is excellent.

### 1 - Press ADD DEVICE



### 2 - Choose the type of SECURITY CAMERA device that you find in the VIDEO SURVEILLANCE section

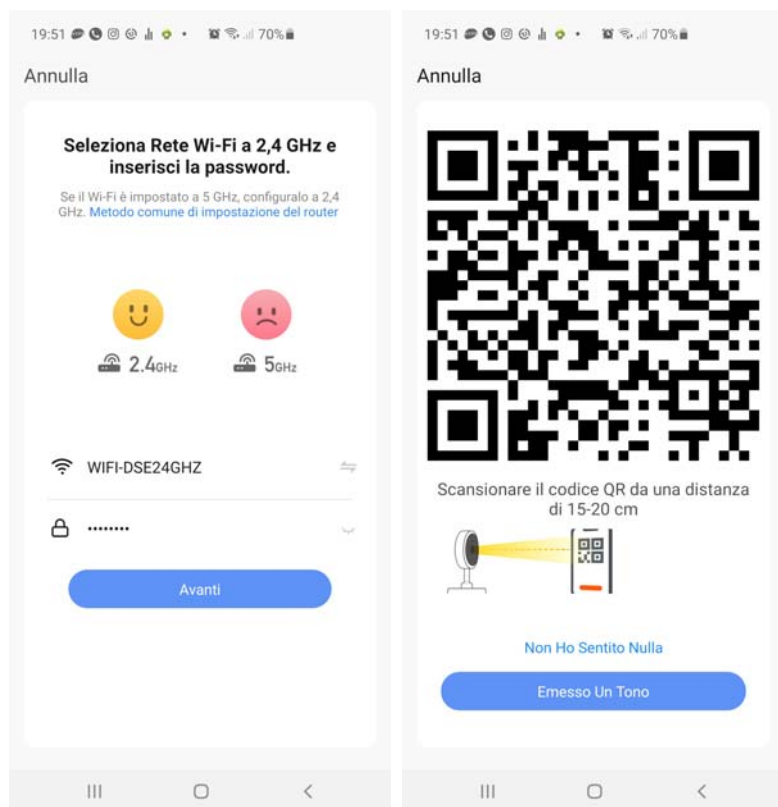


3 - Now power up the camera and wait for it to start up. At the end of the start-up, the camera broadcasts a voice message: "waiting for WiFi configuration". In devices without a speaker you must observe the flashing LED on the camera. If you hear the message in the camera, check the consent box and press NEXT



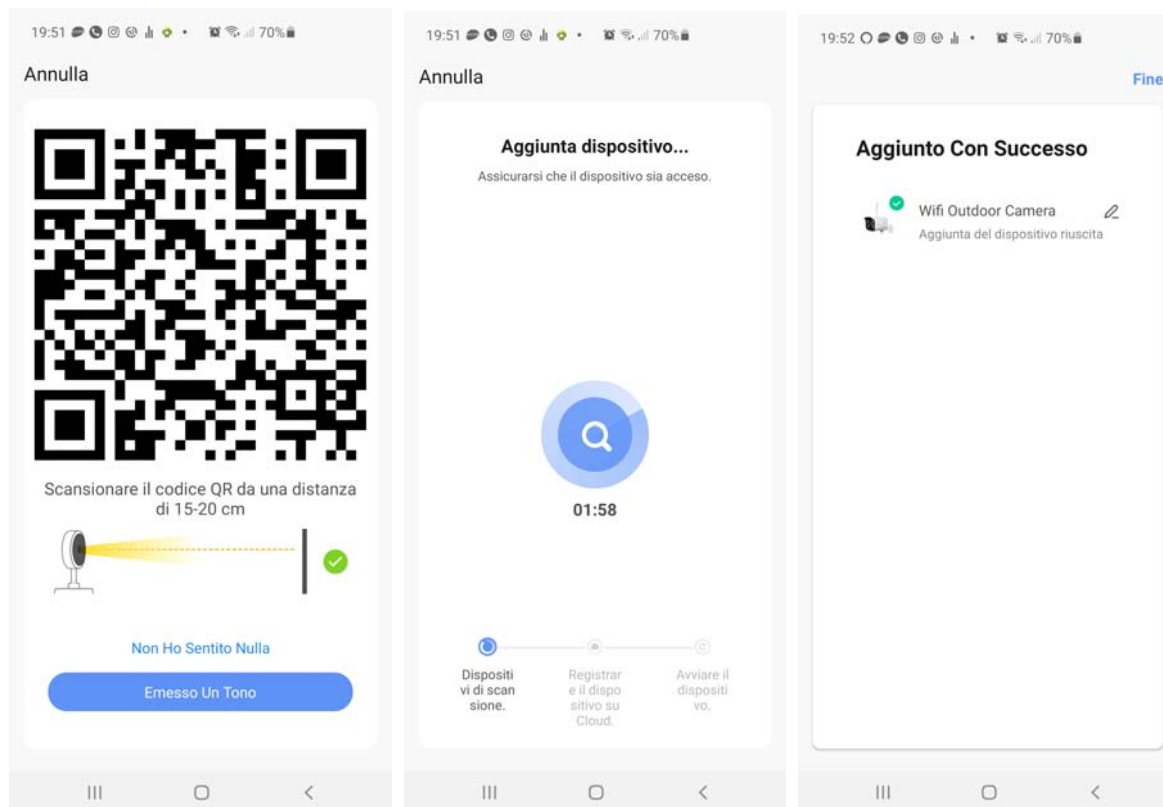
4 - Now you have to choose your wifi hot spot to connect to and enter the access password. If you have networks with different frequencies, remember that the device only supports 2.4 GHz WiFi networks. Select the network and enter the password to access your wifi network





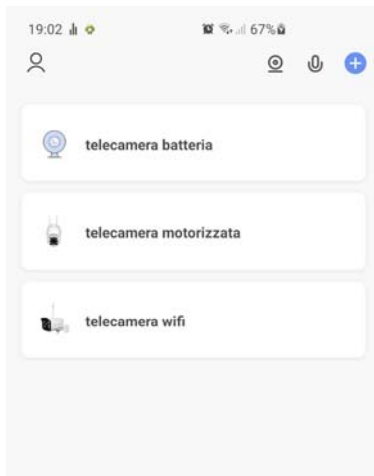
5 - Show the camera the QR code that appears in the app by placing the phone at a distance of 15-20 cm from the lens. Slowly move the phone back and forth so that the camera has a way to scan the QR Code. Insist until the camera emits a short sentence or a confirmation sound. When you hear the read confirmation sound, press the BEEP button to continue.

The camera registration process takes about 30 seconds, during which the camera connects to your WiFi network and is added to your personal area on the Cloud server.



FINISHED!

The camera is now configured and ready to be used. Repeat the same procedure to upload other cameras. If you do something wrong and the procedure does not go through you can press the reset button on the camera and start over.



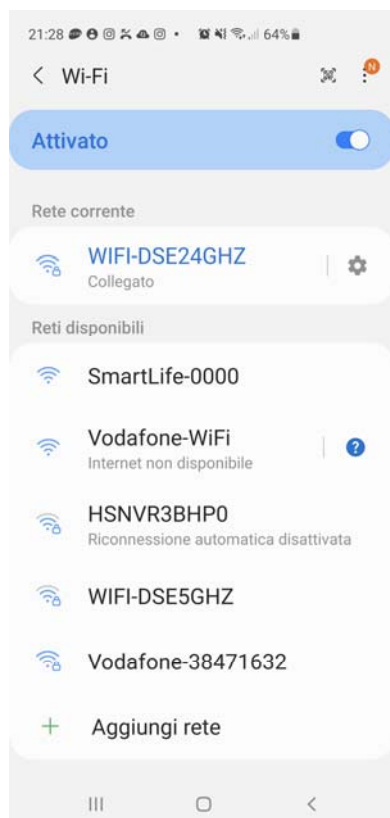
## Configure the camera in AP mode

In some situations the automatic configuration with QR code, described in the previous chapter, may not be successful if the camera fails to focus correctly on the QRcode shown by the app. This can especially happen with cameras equipped with autofocus.

In this case you have to configure the camera in AP mode, in which the camera emits its own wifi network.

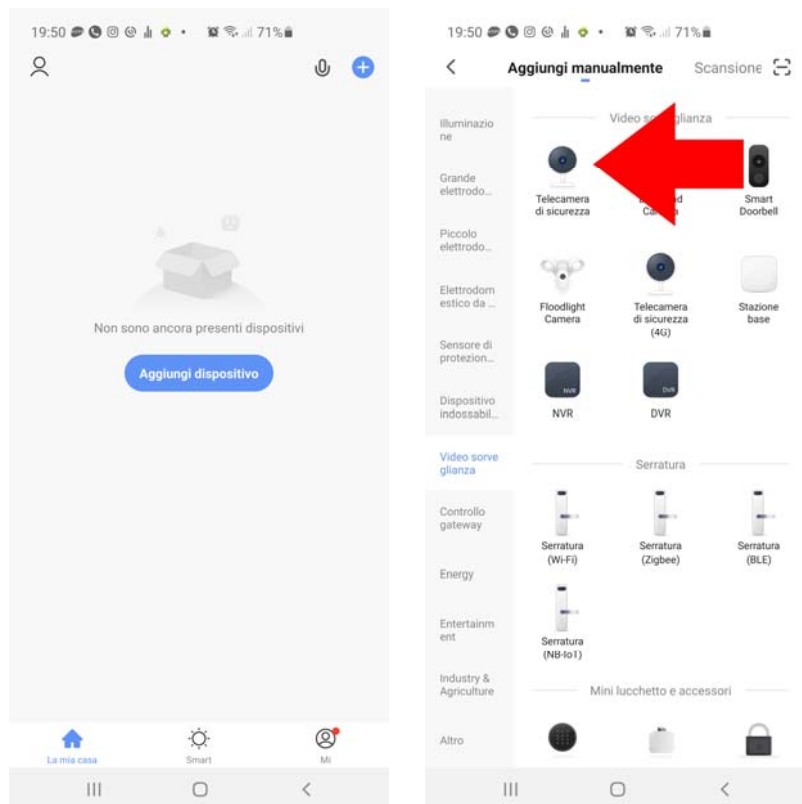
1 - Activate AP mode by turning on the camera and **pressing the reset button 3 times** consecutive. The camera reboots and after the reboot the message waiting for configuration is no longer played. Now the camera is in AP mode.

If you want to verify that the camera has switched to AP mode, search among the wifi networks of your mobile phone: you will find a new network called SMARTLIFExxxx, but do not connect to this network for the moment.

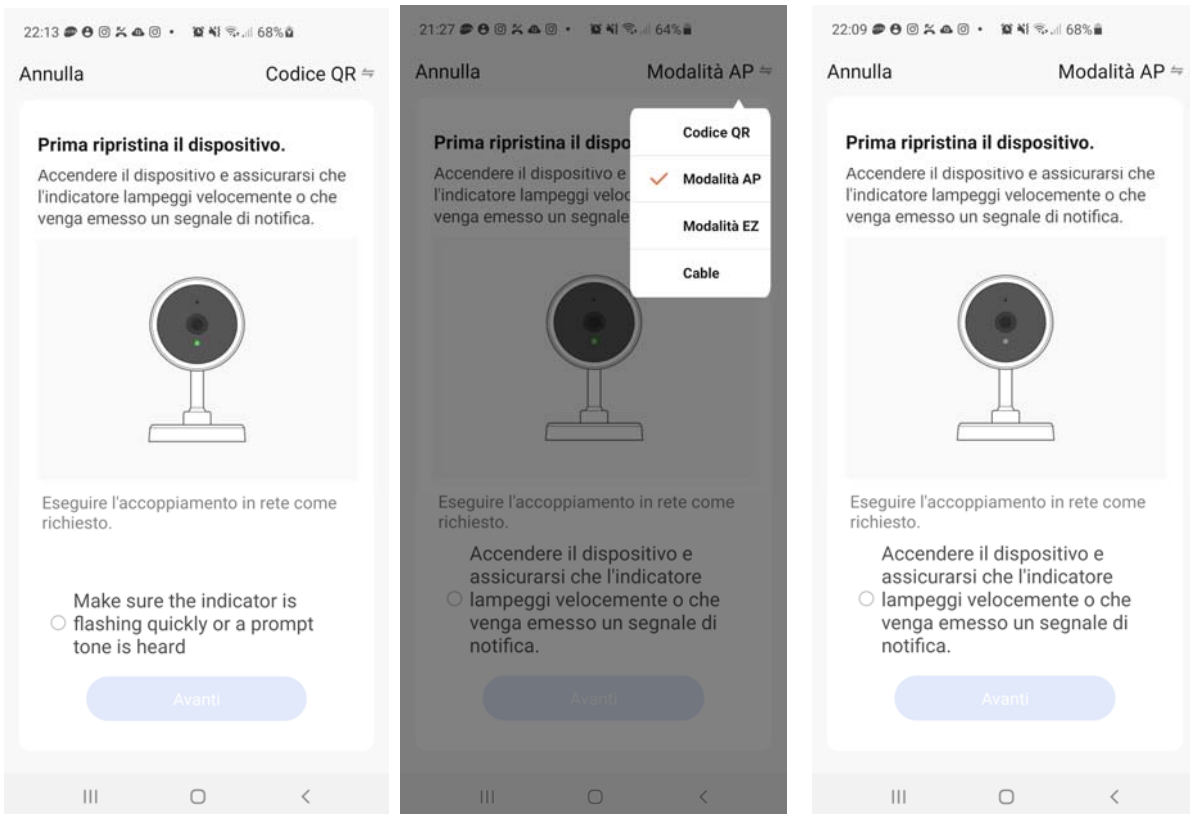


2 - Check that your mobile phone is connected to your 2.4 GHz wifi network (5GHz is not supported) and start SmartLife

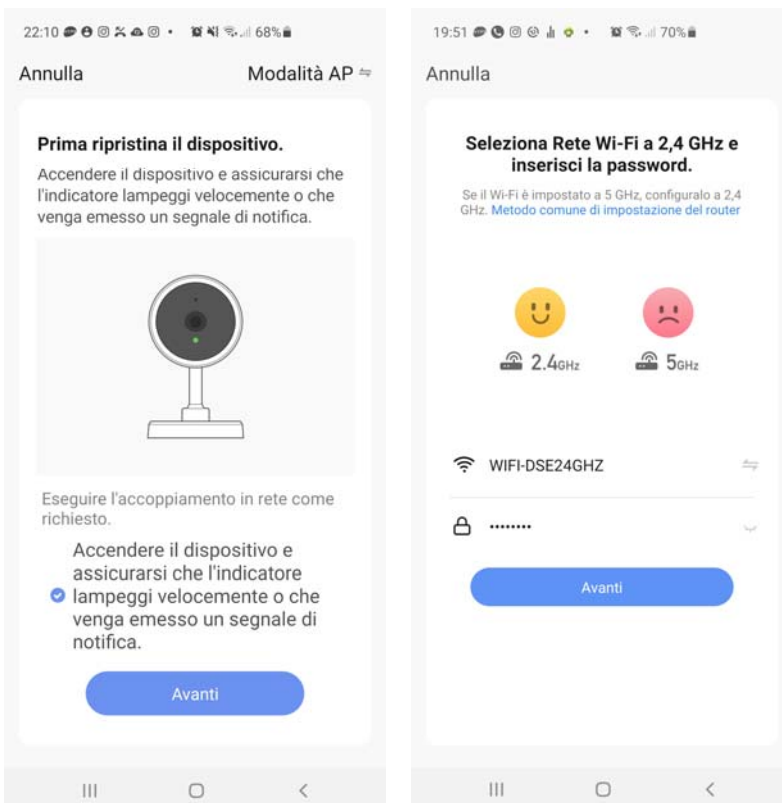
3 - Press ADD DEVICE or press the + button at the top right and then choose the type of SAFETY CAMERA device that you find in the VIDEO SURVEILLANCE section



4 - The procedure for adding the device starts. Instead of proceeding with the NEXT button, as in the QRcode configuration described above, touch the QR CODE item at the top right and choose AP MODE in the drop-down menu.

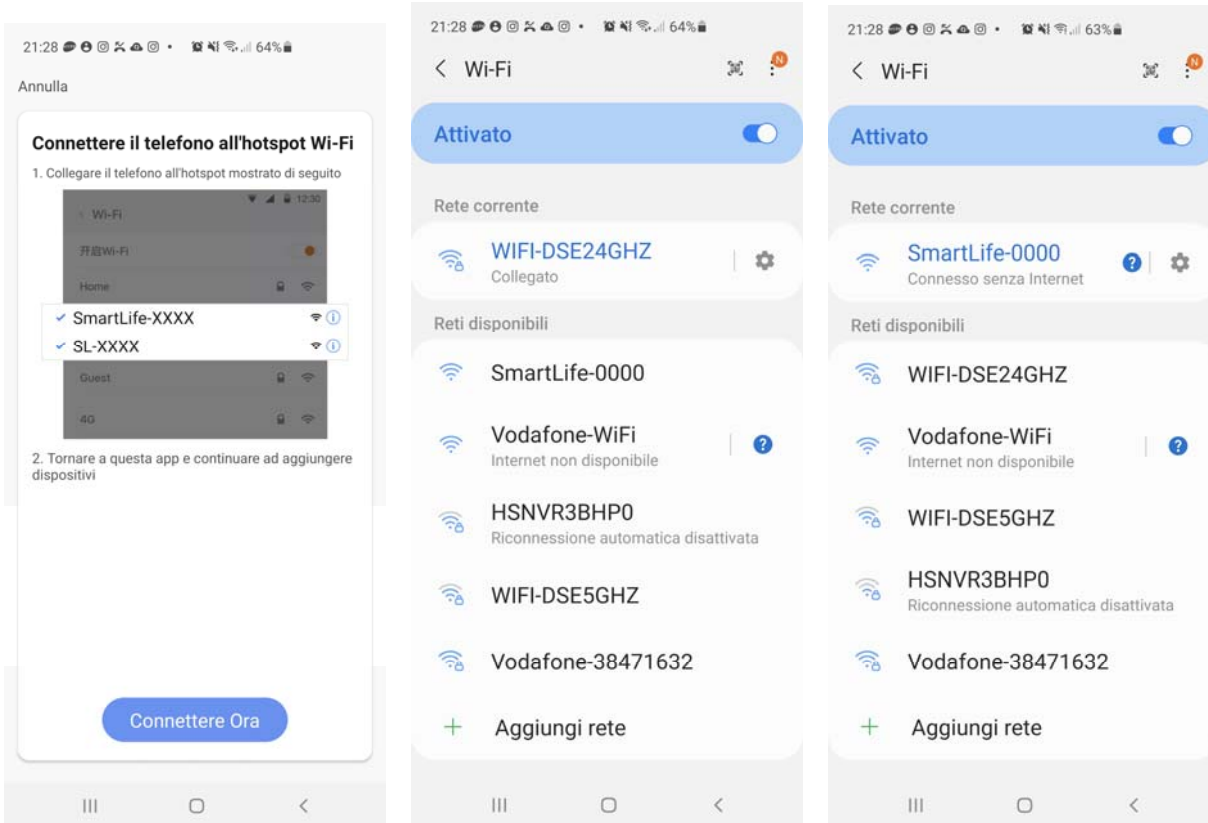


5 - Now check to enable the button and then press NEXT. Select your 2.4 GHz wifi network you want to connect the camera to and enter your wifi password. Press NEXT.

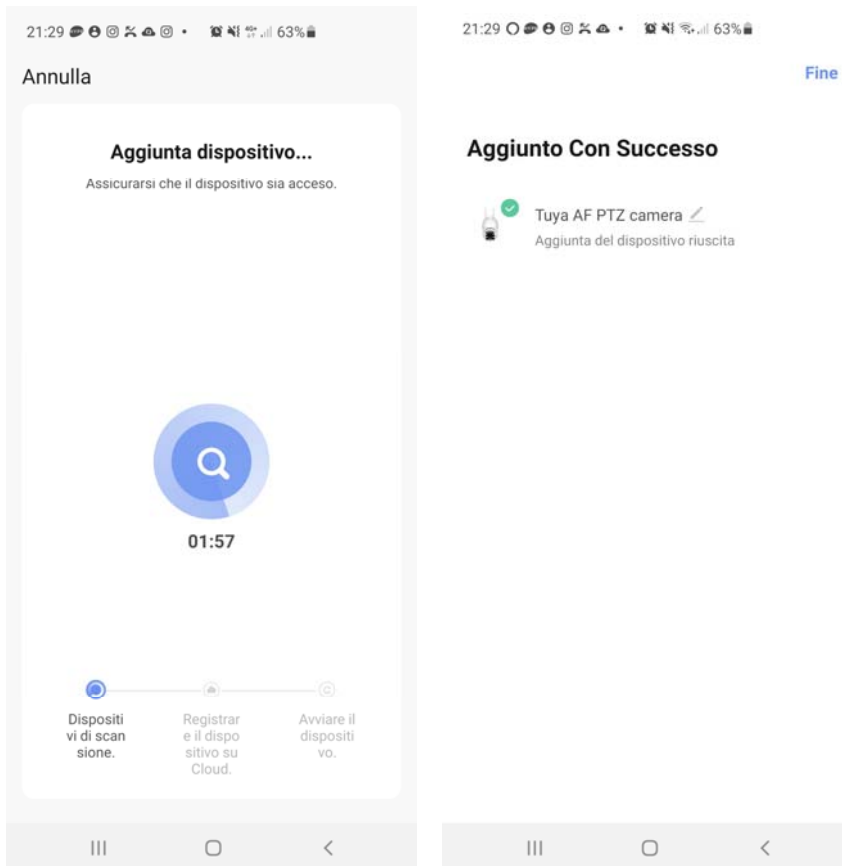




6 - Now you need to connect your phone to the camera wifi. You can do this directly from the app by pressing CONNECT NOW. Choose the SmartLife WiFi network to connect. Wait for the network to connect and if the phone warns you that the network has no Internet, choose to keep the connection.



6 - When connected to the camera network, press the back button to return to the app. The camera adding procedure will start and you just have to let it complete



FINISHED!

The camera is now configured and ready to be used. The camera, if with loudspeaker, pronounces an Internet Connected message.

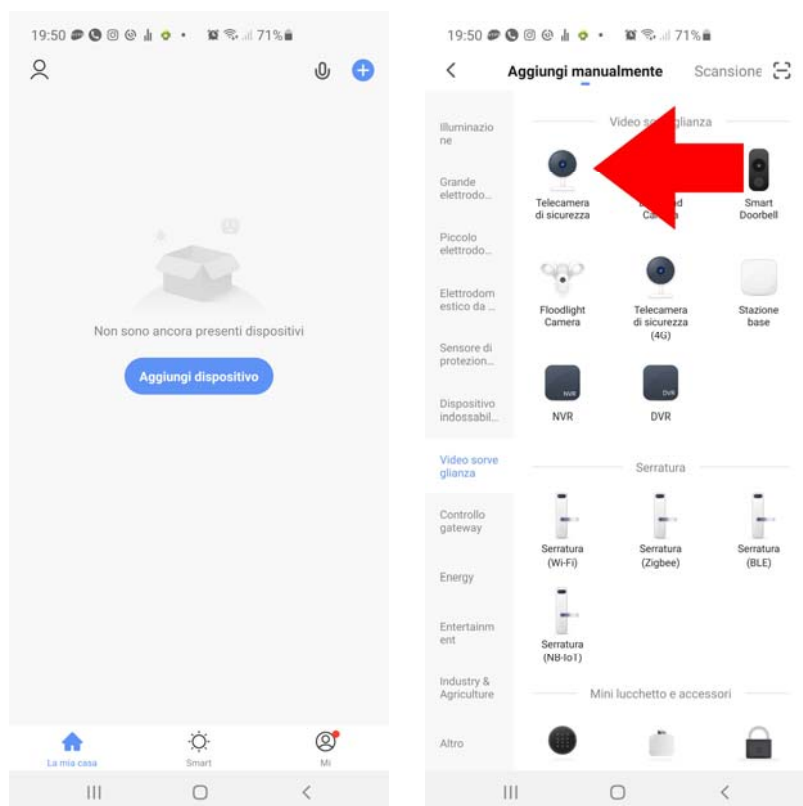


## Configure the camera in wired mode

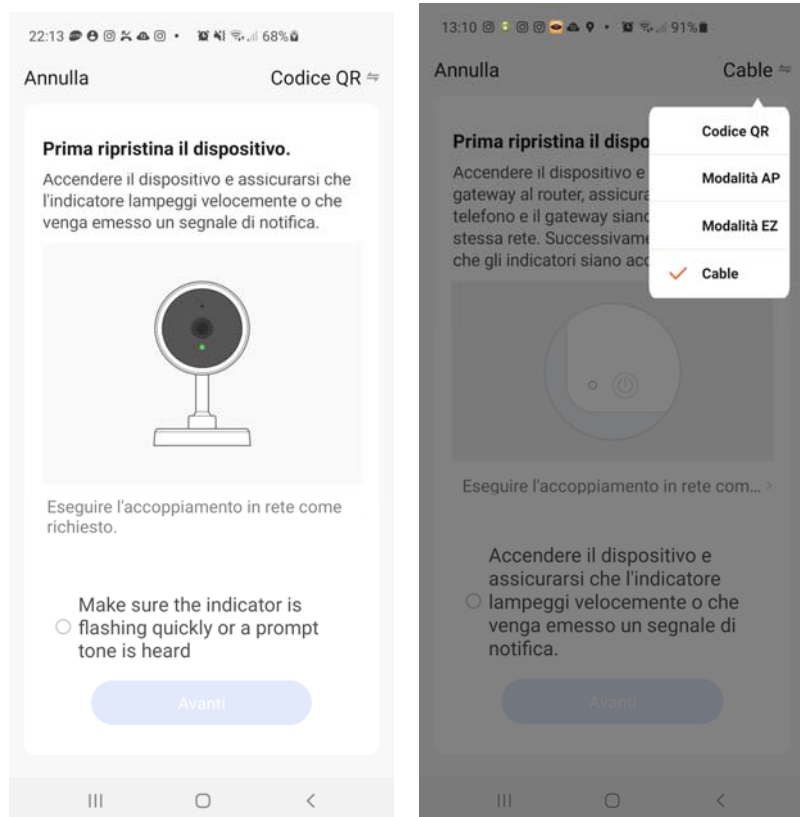
Although these cameras are generally used in wifi connection, they also have a wired port to be connected to a wired network. If you want to use the camera via cable you need to install in cable mode.

1 - Check that your mobile phone is connected to your wifi network and that this wifi network is in turn connected to your wired network. Normally you have to connect to your router's wifi and connect the camera to a wired (LAN) port on the router. Power up the camera and wait for it to play the wifi configuration waiting message.

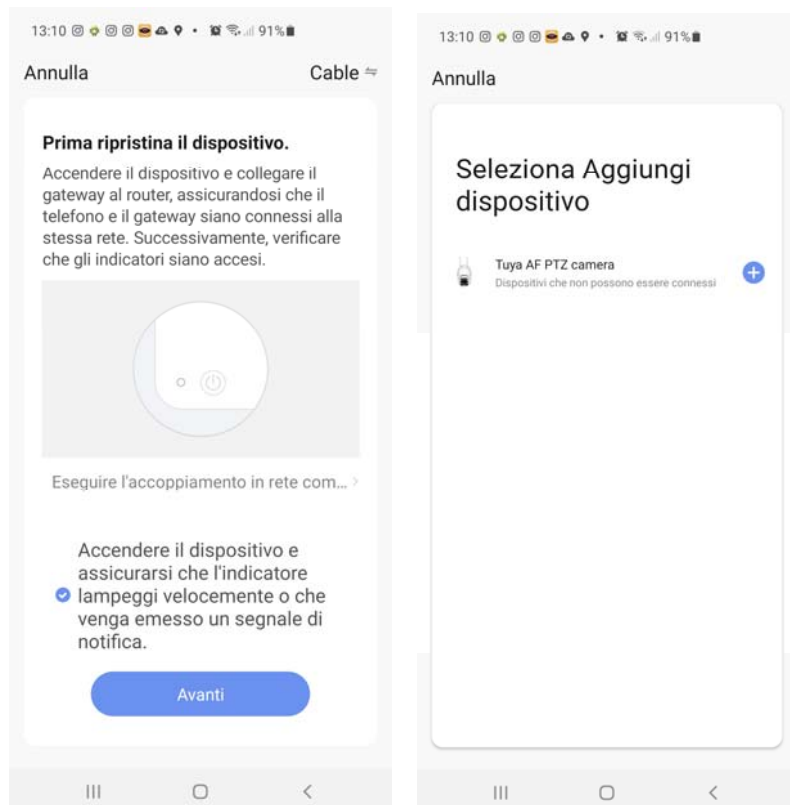
2 - Press ADD DEVICE or press the + button at the top right and then choose the type of SAFETY CAMERA device that you find in the VIDEO SURVEILLANCE section



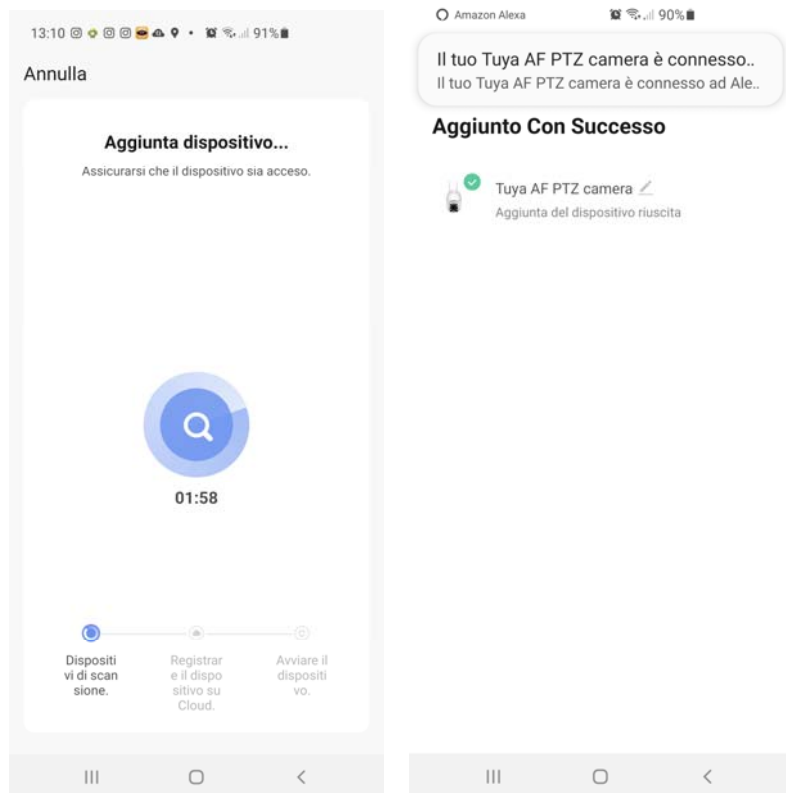
3 - The procedure for adding the device starts. Instead of proceeding with the NEXT button, as in the QRcode wifi configuration described above, touch the QR CODE item at the top right and choose AP MODE in the drop-down menu.



4 - Now check to enable the button and then press NEXT.



5 - The app detects the camera connected to the network. Press the + key to add it to the application.

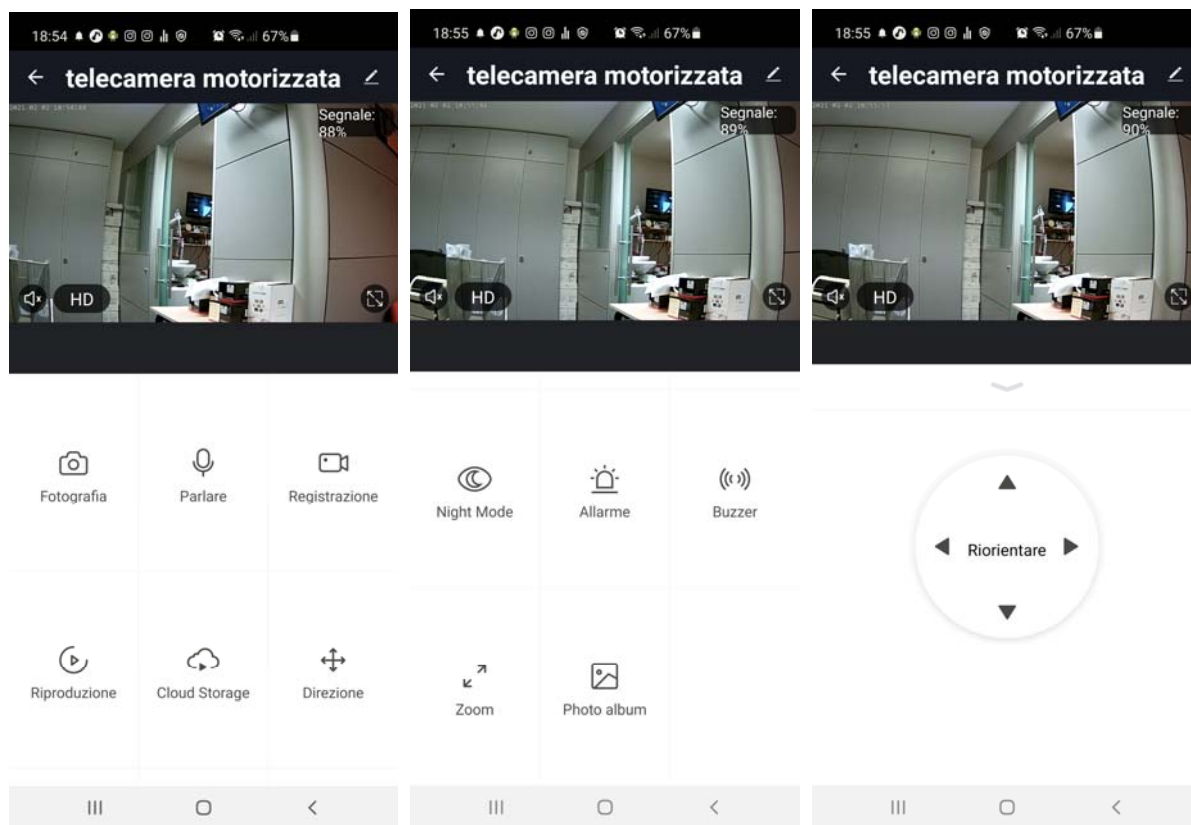


FINISHED!

The camera is now configured and ready to be used. The camera, if with loudspeaker, pronounces an Internet Connected message. If the configuration is not successful, try again and check that your phone is connected in wifi to your network. Also check that the network port LEDs on the router or switch you connected the camera to turn on.

## Use the camera

Now that you have set up your camera you can control it with the app. Thanks to the P2P cloud server you can control it not only within your network, but also through the Internet.



- Enable audio listening



- Select between main (HD) and secondary (SD) lighter video stream



- Switch between normal and full screen viewing

**PHOTOGRAPHY** - Take a photo of the live image which is saved in the album (see below)

**SPEAK** - If the camera is equipped with a loudspeaker you can, by pressing this button, speak to whoever is near the camera.

**REGISTRATION** - Press to record the images you are viewing in a video which will be saved in the album

**PLAYBACK** - Allows you to play the videos recorded in the SD memory inside the camera by searching for them by date

**CLOUD STORAGE** - Smart Home cameras support saving images recorded in alarm on a cloud via the web. You need to purchase a space in the cloud to be able to



use this service. If you are using cloud saving you will use this button to review recordings saved in the cloud.

**DIRECTION** - If your camera is motorized with this button open the control panel to control the movements.

DRAG SCREEN DOWN to show other buttons.

**NIGHT MODE** - Allows you to choose the operating mode of the infrared illuminators by forcing the activation of the IR (INFRARED) or by forcing the vision always in color (COLOR) or by leaving the factory automatic activation (SMART)

**ALARM** - Allows you to quickly activate or deactivate motion detection. It is a useful command, for example, to avoid receiving unnecessary notifications while at home.

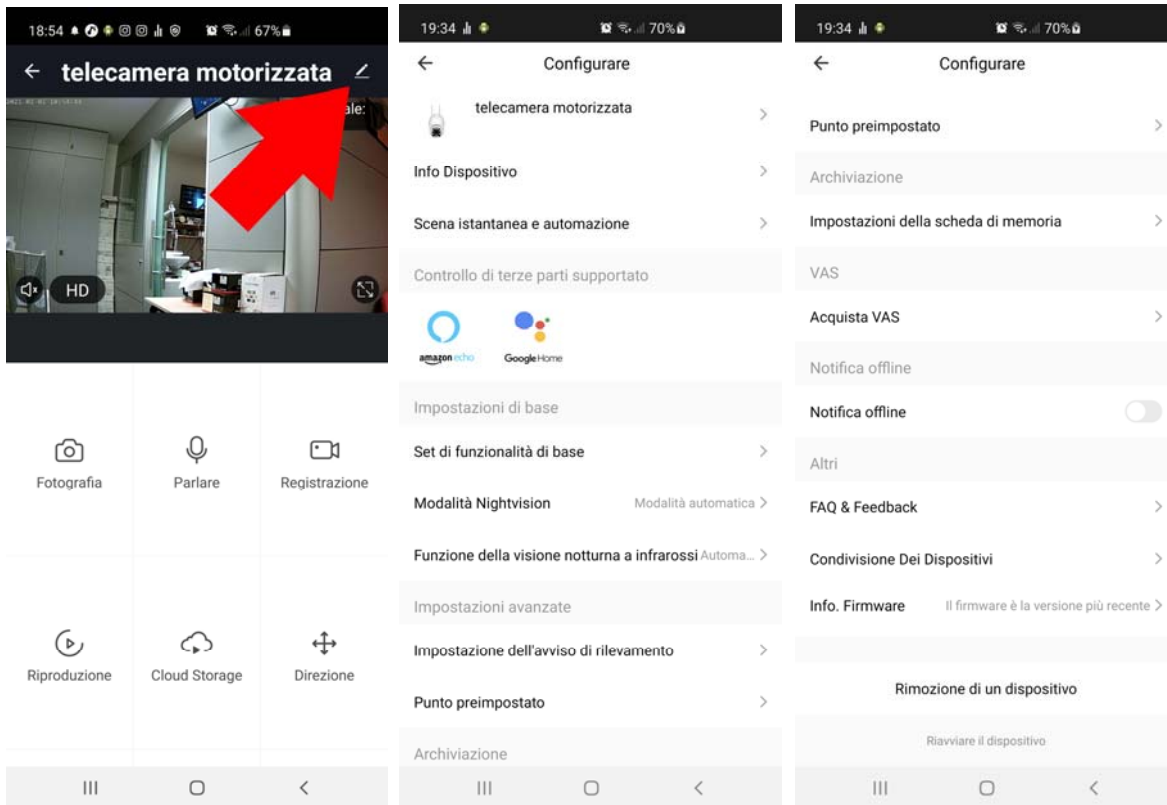
**BUZZER** - Activates the acoustic alarm that the camera emits in case of motion detection.

**ZOOM** - If your camera has motorized zoom, you can control the zoom here

**PHOTO ALBUM** - Here you can browse the photos and videos recorded with the PHOTOGRAPH and RECORD buttons

# Settings

From the device command page you can access some advanced options by pressing the edit icon (pencil) at the top right



**DEVICE INFO** - Show camera information

**INSTANT SCENE** - Not used

**THIRD PARTY CONTROL** - You can connect your Smart Home cameras with voice control devices. The cameras support the most common voice control devices such as Amazon Echo (ALEXA) and Google Assistant. In this section you will find instructions on how to pair your camera. Further on in the manual you will find indications for these additions.



**BASIC FUNCTIONAL SET** - This section contains basic camera settings which may vary by model. Normally, ROTATION is set here



OF THE SCREEN, the TIME OVERLAP and the type of AUDIO UNI and BI DIRECTIONAL.

**NIGHTVISION MODE** - In models that allow it, you can force color vision, force B / W vision or leave SMART management automatic.

**NIGHT VISION** - In models that allow it, you can force the switching on or off of the IR LEDs

**MOTION DETECTION SETTINGS** - Here you can set the options of the motion detection, its sensitivity and the time schedule. In models that allow it, you can activate human detection and autotracking (motion monitoring). You must activate this detection to receive alarm notifications.

**PRESET POINT ( PRESET)** - In the motorized models you can set memorized positions (PRESET)

**ENERGY SAVING SETTINGS** - This item is only available in battery-powered devices and allows you to view the battery charge status and also to set the charge threshold at which the low battery notification will be sent (factory default 20%)

**MEMORY CARD** - This item is only available if you have inserted an SD memory card into the device. Here you check the status of the SD memory inserted in the camera with Total, Used and Remaining capacity. You can schedule continuous or event-only recording and format the card. You also have a timer available to record only at certain times.

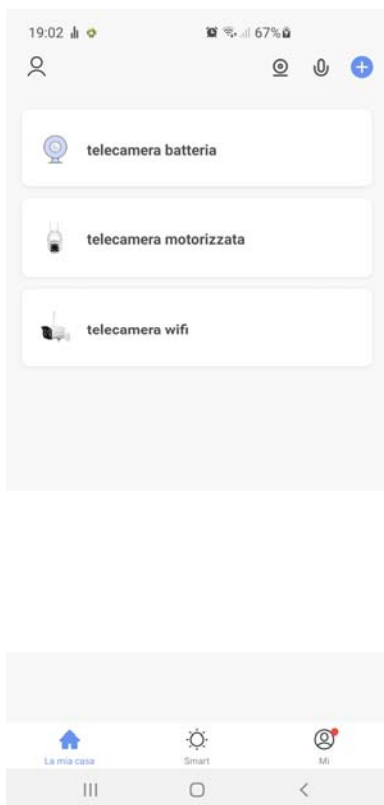
**BUY VAS** - These cameras can save recordings on cloud servers. Here you can purchase cloud storage if you want to use this service.

**OFFLINE NOTIFICATION** - Allows you to be notified if the camera is offline for 30 minutes (not connected to the server). For battery operated cameras this limit is 8 hours.

## Device management

Smart Home means being able to manage the whole house with your mobile phone. Smart Life is the ideal app. You can add all our DM Series devices: our Smart Home cameras, our remote controls and our intercoms and manage them all from the same app.

All your devices are in the app



At the top you have some buttons for managing many components.



It allows you to see all the cameras together in multivision



You can use voice commands to call up the most common functions



## Amazon Echo integration

Smart Life integrates seamlessly with Amazon Alexa. Just download the **SMART LIFE skills** using the Amazon Alexa app to link Alexa to your Smart Life account. Through the Smart Life skill you can control all our DM Series devices with Alexa voice commands.

To manage cameras with Alexa, you need to purchase a device with the monitor, such as the Echo Show. You can ask Alexa to show the camera you want at any time.

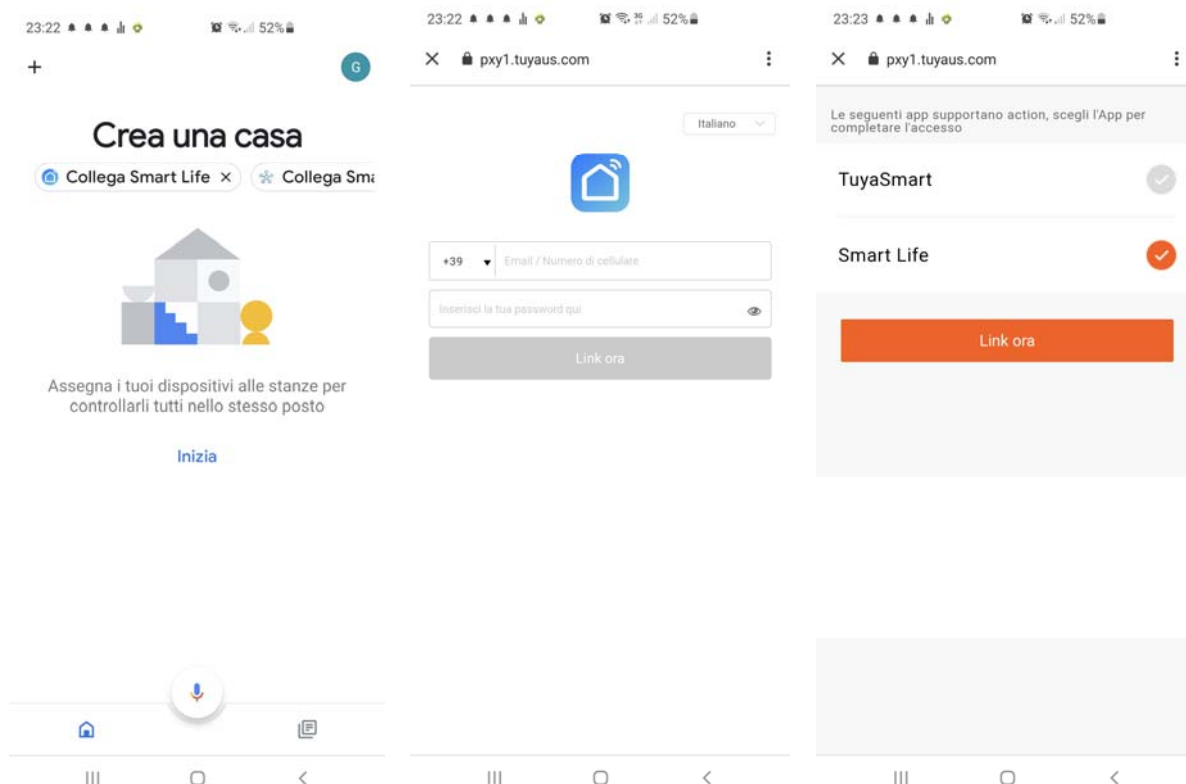


# Google Home integration

Smart Life integrates seamlessly with Google Home

You need to download Google Home and connect Smart Life by entering your account credentials.

To view the cameras you then need a device suitable for viewing for Google Home, such as Chromecast.

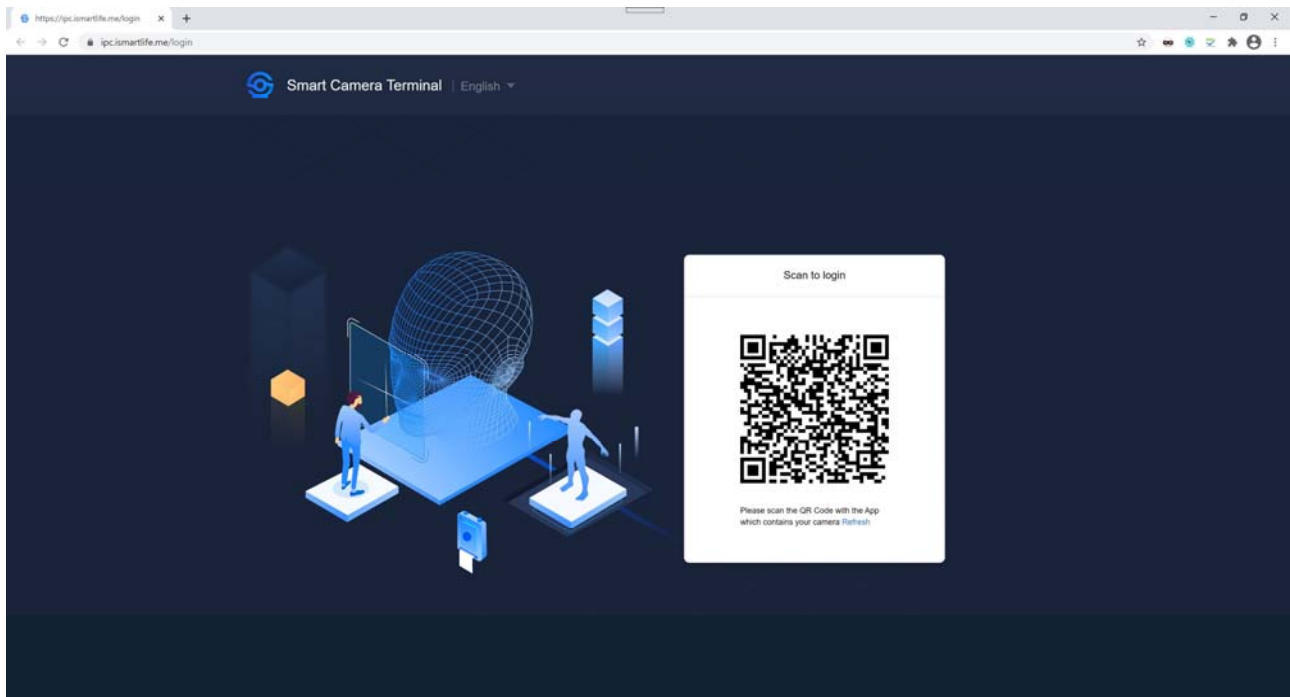




## Computer connection

If you want you can control your Smart Home cameras from a computer through the site

<https://ipc.ismartlife.me/> which supports all common browsers



No credentials are required to log into the site, you just need a mobile phone. Open the Smartlife app, tap add device and press the scan button at the top right. Scan the QR code that appears on the site and you will have direct access to all your devices

