

MIX HomePro™



Camera Integration

Viewing Cameras in MX-HomePro

A URC Z-Wave Gateway is REQUIRED for integration with MX-HomePro!

Overview

Setting up cameras for use in an MX-HomePro system is fairly easy. Although all cameras do not work with this product, the ever growing list of compatible brands/models can be found [here](#) as we add the URL strings necessary for it to work.

In order for a camera to work in MX-HomePro it first must be associated with URC's Z-Wave Gateway. All cameras must (at least) be compatible with this device for it to work.

When a camera is fully compatible, it is visible in the following ways:

- **Handheld Remote Control**

Once a camera is associated correctly a Cameras menu appears on the Home page of the remote. Selecting this option shows all the cameras that have been configured to work with the system. If a camera is not visible, it may simply require a configuration period (of up to five (5) minutes) or may not be compatible at all with the handheld remote.

- **URC Home App (iOS or Android)**

The URC Home App (used for control and configuring Z-Wave devices/scenes) also it shows the Camera image (under the Devices or Camera section of the app menu) when the mobile/tablet device is on the same local area network (LAN)

If the user desires to see the camera (or use the app in any way) from other locations, off the local network, the customer **MUST** subscribe for the annual subscription via the [Z-Wave User Portal](#).

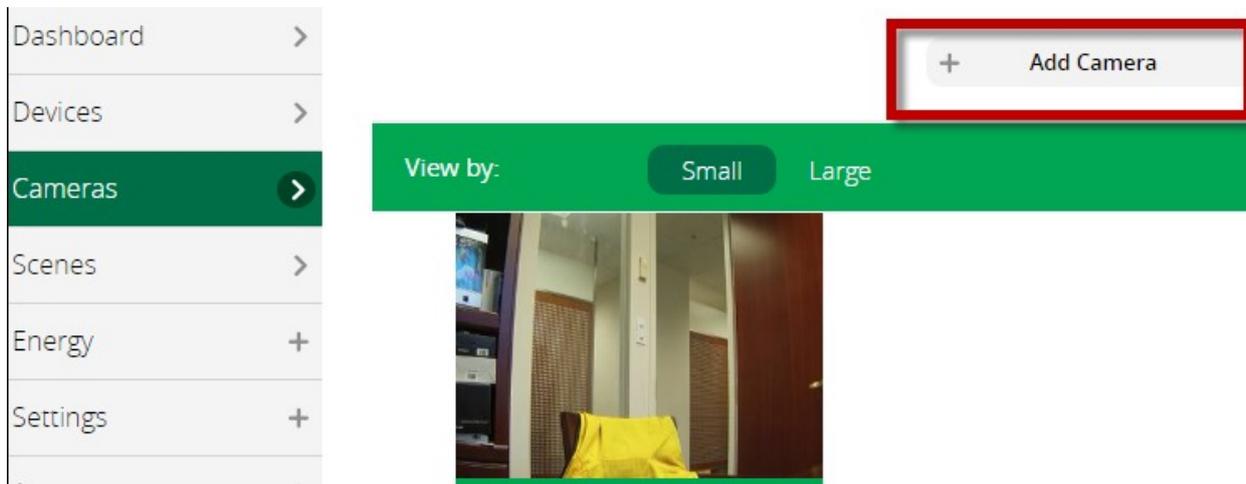


The following pages discuss the process of integrating cameras into an MX-HomePro system. Keep in mind the requirements prior to beginning this process.

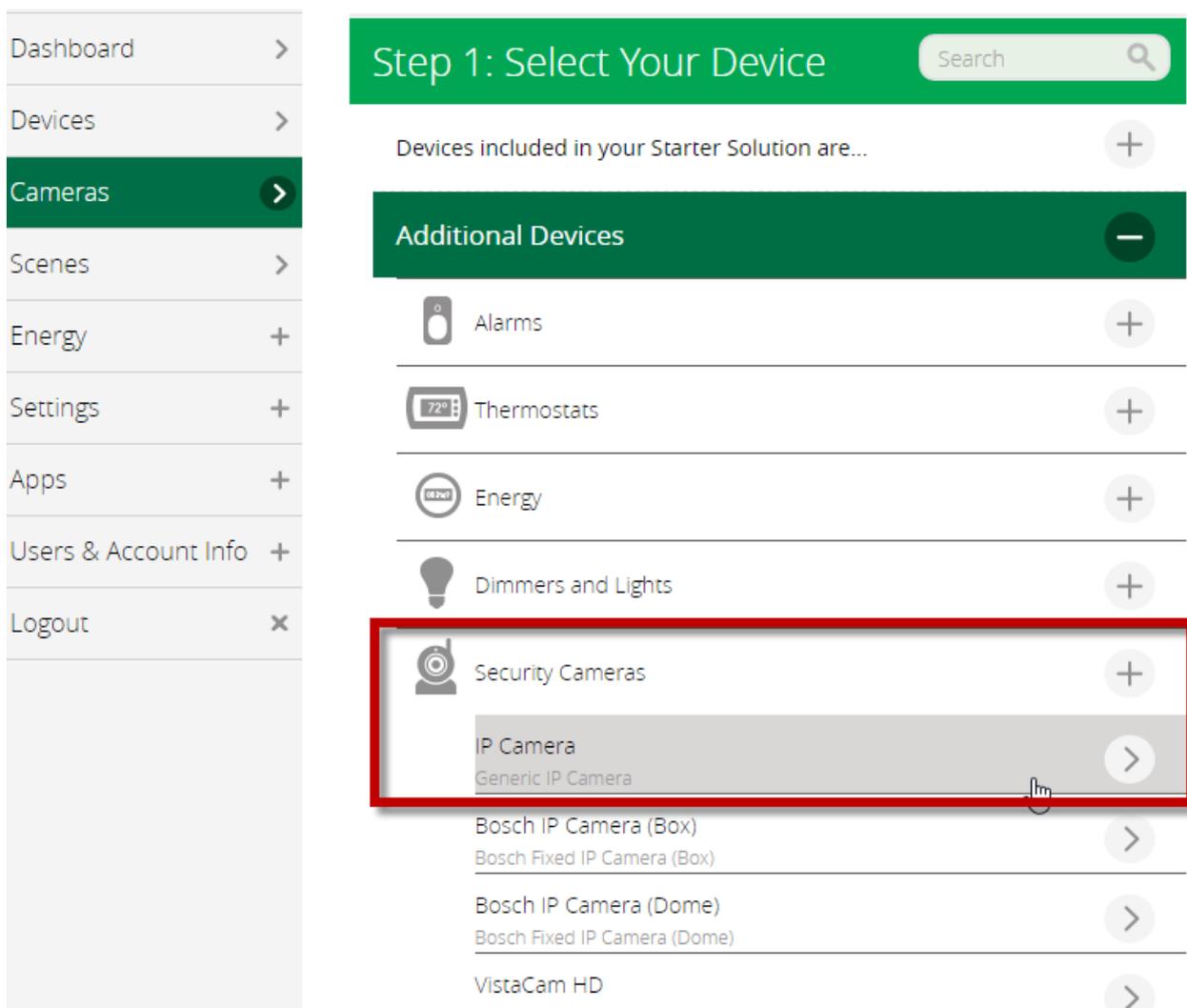
Associating a Camera with URC's Z-Wave Gateway

To associate a camera within UI7, follow these steps:

1. Go to the **Cameras** section of the menu, select the **+Add Camera** button on the top right area of the page.



2. The list of device types to include now appears. Since you are adding a network camera, find Security Cameras in the list and click on it to expand the entry. Now find IP Camera - Generic IP Camera in the available options and select it.



3. Enter all the information needed to connect to the camera.

Step 2: Pair Your Device

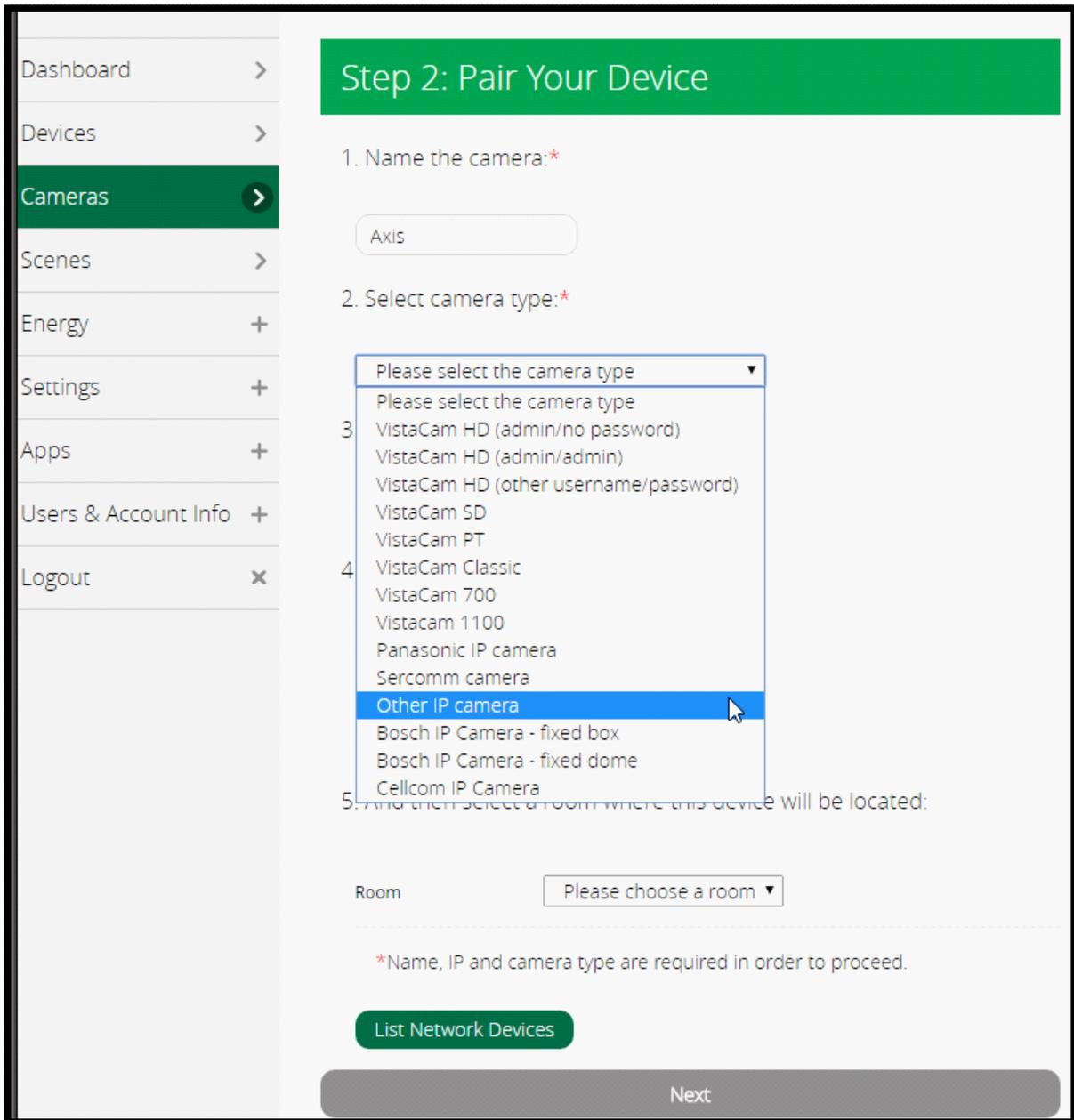
1. Name the camera:*
2. Select camera type:*
3. Fill in the IP address:*
4. Fill in the username and password:
5. And then select a room where this device will be located:

*Name, IP and camera type are required in order to proceed.

List Network Devices

Next

4. Start by entering a name for the camera in field 1. This label appears on the user interface when the camera is viewed. Then in field 2 select the camera type from the list. Select Other IP camera from the list.



- After selecting the camera type, enter the URL that provides a JPG snapshot from the camera, nearly all IP cameras have this capability. If the camera's setup screen have the option you should set the resolution of the snapshot in the **649*480** range. If you copy the URL from the list we provide replace <camera ip> with the actual camera IP address and port, if port is set to other than **80**. For example, the URL for a Lilin camera with IP address **192.168.1.200** and port set to **43878** is: **<http://192.168.1.200:43878/snap>**.

It is very important that any camera setup here do not change IP address later or the system can lose connection to that camera. Make sure that all cameras are set to a static IP address or that there is an IP address reservation set for the camera in the network's DHCP server. The DHCP server role is usually handled by the network router or domain controller.

Dashboard >

Devices >

Cameras >

Scenes >

Energy +

Settings +

Apps +

Users & Account Info +

Logout x

Step 2: Pair Your Device

1. Name the camera: *
2. Select camera type: *

You are no longer required to fill in the IP address just paste the full URL which returns a JPG file/snapshot in the box below. Example: `http://192.168.8.200/snapshot.cgi`

3. Fill in the IP address: *
4. Fill in the username and password:
Username:
Password:
5. And then select a room where this device will be located:
Room

*Name, IP and camera type are required in order to proceed.

List Network Devices

Next

6. Next fill in the **username** and **password** that are required to view the camera image. Then select the **room** where the camera is to appear and click Next when finished.

Dashboard >

Devices >

Cameras >

Scenes >

Energy +

Settings +

Apps +

Users & Account Info +

Logout x

Step 2: Pair Your Device

1. Name the camera:*

Axis

2. Select camera type:*

Other IP camera

You are no longer required to fill in the IP address just paste the full URL which returns a JPG file/snapshot in the box below. Example:
http://192.168.8.200/snapshot.cgi

http://192.168.89.7:524

3. Fill in the IP address:*

4. Fill in the username and password:

Username:

Password:

5. And then select a room where this device will be located:

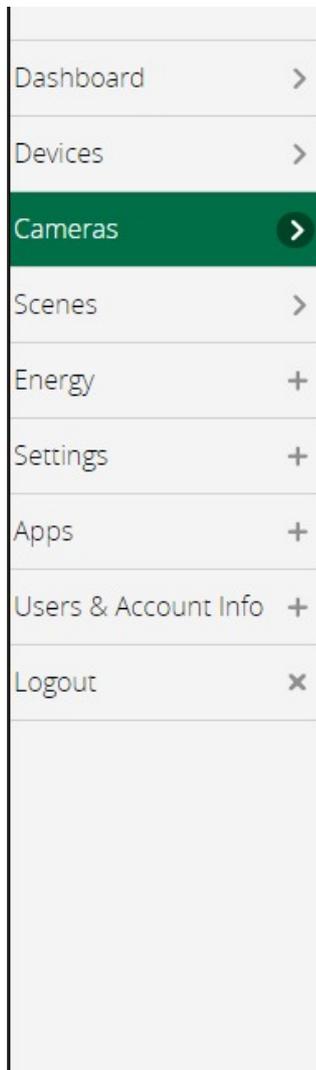
Room

*Name, IP and camera type are required in order to proceed.

List Network Devices

Next

7. On the next screen the system tries to connect to the camera and display an image. If everything has been done correctly, after a few seconds the camera displays an image. If not, select the back button and check your work. Click Next and you are done!



Step 2: Pair Your Device



If an image appears then click Next to install the camera, otherwise click Back and check if you filled in the fields correctly.

Back

Next

8. Summary of steps:

- a. Go to **Cameras** and click **Add Camera**
- b. Select Security Camera/Generic IP Camera
- c. Manually install the camera by entering a **name**, selecting **Other Camera**, entering the full **URL** for a snapshot image, entering the **username**, **password**, and **room** where the camera should be displayed.
- d. Check that an image is displayed

Camera URL

This list represents the currently supported models and URL's. Keep in mind that this document is every expanding and new models are going to be add to this list.

Brand	URL	URC			Notes
		On Remote	Home Android	Verified PC	
Axis	<a href="http://<camera ip>/axis-cgi/image.cgi?resolution=640x480">http://<camera ip>/axis-cgi/image.cgi?resolution=640x480	Yes	Yes	Yes	
Channel Vision	<a href="http://<camera ip>/GetImage.cgi">http://<camera ip>/GetImage.cgi	Yes	Yes	Yes	
Digital Watchdog	<a href="http://<camera ip>/image1.jpeg">http://<camera ip>/image1.jpeg	Yes	Yes	Yes	Slow image cycle on remote
FLIR	<a href="http://<camera ip>/cgi-bin/snaps.hot.cgi">http://<camera ip>/cgi-bin/snaps.hot.cgi			Yes	
Foscam	<a href="http://<camera ip>/cgi-bin/CGIProxy.fcgi?cmd=snapPicture2">http://<camera ip>/cgi-bin/CGIProxy.fcgi?cmd=snapPicture2			No	
GenV	<a href="http://<camera ip>/cgi-bin/snaps.hot.cgi">http://<camera ip>/cgi-bin/snaps.hot.cgi	No	Yes	Yes	
Hikvision	<a href="http://<camera ip>/Streaming/channels/1/picture?snapshotImageType=JPEG">http://<camera ip>/Streaming/channels/1/picture?snapshotImageType=JPEG	Yes	Yes	Yes	
Hurt	<a href="http://<camera ip>/GetImage.cgi">http://<camera ip>/GetImage.cgi			No	
IC Realtime	<a href="http://<camera ip>/cgi-bin/snaps.hot.cgi?subtype=1">http://<camera ip>/cgi-bin/snaps.hot.cgi?subtype=1	No	Yes	Yes	Subtype=1 reduces snapshot resolution and may not be supported on all cam
IC Realtime (older models)	<a href="http://<camera ip>/cgi-bin/snaps.hot.cgi?channel=1&subtype=0">http://<camera ip>/cgi-bin/snaps.hot.cgi?channel=1&subtype=0			No	main stream
IC Realtime (older models)	<a href="http://<camera ip>/cgi-bin/snaps.hot.cgi?channel=1&subtype=170. mainstream. 1substream">http://<camera ip>/cgi-bin/snaps.hot.cgi?channel=1&subtype=170. mainstream. 1substream			No	substream/lower resolution
Lilin	<a href="http://<camera ip>/snap">http://<camera ip>/snap	Yes	Yes	Yes	
Vivotek	<a href="http://<camera ip>/cgi-bin/viewer/video.jpg">http://<camera ip>/cgi-bin/viewer/video.jpg	Yes	Yes	Yes	
Wirspath (SnapAV)	<a href="http://<camera ip>/wps-cgi/image.cgi?camera=1&resolution=640x480">http://<camera ip>/wps-cgi/image.cgi?camera=1&resolution=640x480	Yes	Yes	Yes	
Dahua	<a href="http://<camera ip>/cgi-bin/snaps.hot.cgi?channel=0">/cgi-bin/snaps.hot.cgi?channel=0			no	
Luma (SnapAV)	<a href="http://<camera ip>/wps-cgi/image.cgi?camera=1&StreamNum=2&resolution=640x360&username=admin&password=admin">http://<camera ip>/wps-cgi/image.cgi?camera=1&StreamNum=2&resolution=640x360&username=admin&password=admin				
Panasonic	<a href="http://<camera ip>/SnapshotJPEG?Resolution=640x480&Quality=Standard">http://<camera ip>/SnapshotJPEG?Resolution=640x480&Quality=Standard	Yes	Yes	Yes	
Speco	unknown				
ZumMedia	<a href="http://<camera ip>/cgi-bin/image.cgi?userName=cusername>&password=cpassword>&cameraID=c cameraID >&quality =9">http://<camera ip>/cgi-bin/image.cgi?userName=cusername>&password=cpassword>&cameraID=c cameraID >&quality =9				Range : 1-9, 9=Highest