

How to Include Your Bosch IP Camera

For Bosch Security Dealers Only

Adding your Bosch IP Camera to your Home Control Gateway

This section contains information on how to initially include your Bosch IP Camera to your Home Control Gateway. Adding (including) your Bosch IP Camera will provide you with integrated video functionality that had not previously existed. Combining Security, Video, and Home Control ecosystems enhances all systems' functionality and delivers a single end-user interface.

This document covers the basic information required to add and control Bosch IP Cameras within your Home Control Gateway.

1. Before You Connect Your Bosch IP Camera
2. Adding a Bosch IP Camera to Your System
3. Viewing Images with Your Bosch IP Camera
4. Saving Photos and Video

1. Before You Connect Your Bosch IP Camera

To bring a Bosch IP camera into your system, you have to make just two physical connections. One is an Ethernet cable connection, and the other is the camera power connection (in PoE cameras, the single PoE connection satisfies both of these).

Before you connect your Bosch camera, ensure that your system is ready to automatically detect it. Log in to your account to get to your Dashboard. When you're there, click the "Cameras" menu, and then click on the "+ Add Camera" button.

It is **IMPORTANT** to have your Bosch IP Camera *disconnected* before you detect it. Please wait until the installation wizard asks you to make the camera network and power connections.

Next, we'll walk you through the Add Camera Wizard that automatically detects new Bosch IP Cameras.

2. Adding A Bosch IP Camera to Your System

From a web browser, log into your end-user account:

1. Open <https://bosch.mios.com> and log in with the end user credentials.
2. After the end-user page has loaded, enter the “Cameras” menu.

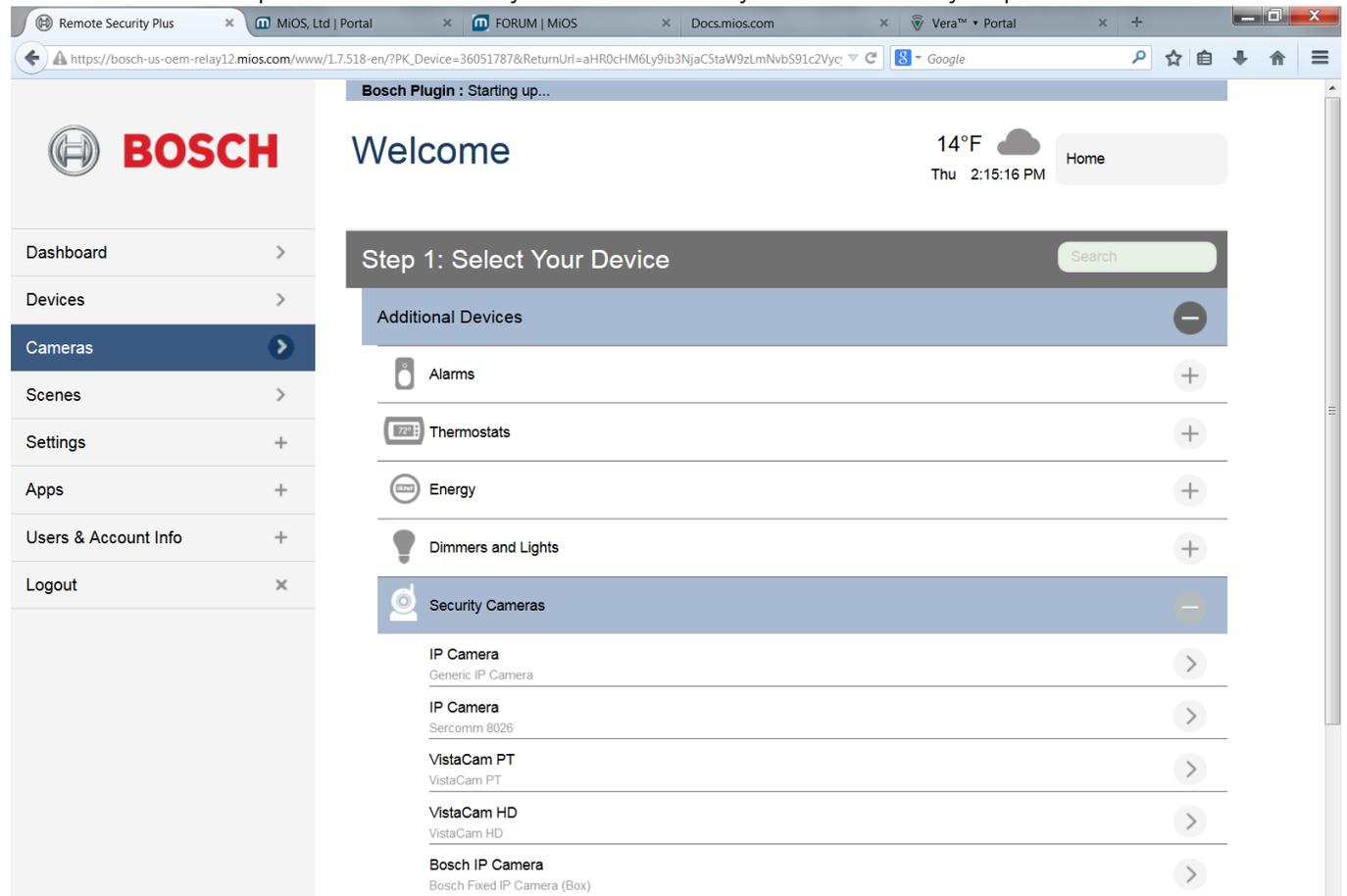
If your Bosch IP Camera already appears in the Cameras or Devices pages, it has not been properly recognized. If this has occurred and the camera is not working properly, please take the following steps:

1. Remove all power and Ethernet from the camera(s).
2. Delete these Bosch IP Cameras and wait 2 minutes for the gateway to restart.

To add a Bosch IP Camera, click "Cameras" in your Dashboard's main menu, then click the "+ Add Camera" button. You'll be brought to a screen with options to add various cameras (note: Cameras can also be added from the Add Device option in the Devices menu). The “add camera wizard” will take you through a few steps:

1. Step 1: Select Your Device

Note: Click the "plus"  button for “Security Cameras” if the Security Camera menu is not yet expanded.



The screenshot shows the Bosch Mios web interface. The top navigation bar includes the Bosch logo and a 'Welcome' message with the current temperature (14°F) and time (Thu 2:15:16 PM). The main content area is titled 'Step 1: Select Your Device' and features a search bar. Below the search bar, there are several device categories, each with a plus button to expand the list: Alarms, Thermostats, Energy, Dimmers and Lights, and Security Cameras. The 'Security Cameras' section is expanded, showing a list of camera models with their respective plus buttons: IP Camera (Generic IP Camera), IP Camera (Sercomm 8026), VistaCam PT (VistaCam PT), VistaCam HD (VistaCam HD), and Bosch IP Camera (Bosch Fixed IP Camera (Box)).

Select the Bosch IP Camera type that you have by clicking on the corresponding “arrow ” button.

Note #1: Only two Bosch Fixed IP Camera types exist. Please select the closest match to your camera type. Although Bosch PTZ Cameras are not fully supported, please select the “(Dome)” type for these cameras.

Note #2: Not all Bosch IP Cameras will be able to be automatically discovered. For these cameras, manual configuration will be required. Generally speaking, any Bosch IP Camera can be manually configured to work in your system.

2. Step 2: Pair Your Device (1)

Remote Security Plus | MIOS, Ltd | Portal | FORUM | MIOS | Docs.mios.com | Vera™ | Portal

https://bosch-us-oem-relay12.mios.com/www/1.7.518-en/?PK_Device=36051787&ReturnUrl=aHR0cHM6Ly9ib3NjaC5taW9zLmNvbS91c2Vyc;

BOSCH Welcome 15°F Thu 2:40:20 PM Home

Dashboard > Devices > **Cameras >** Scenes > Settings + Apps + Users & Account Info + Logout x

Step 1: Select Your Device

Step 2: Pair Your Device

Please unpack your camera and ensure you have a ethernet cable (if necessary) and a power supply ready. 1 2 3

DO NOT connect your camera before we instruct you to do so.

Next

Start by removing the camera package from the box, and then press the Next button.

3. Step 2: Pair Your Device (2)

Remote Security Plus | MIOS, Ltd | Portal | FORUM | MIOS | Docs.mios.com | Vera™ | Portal

https://bosch-us-oem-relay12.mios.com/www/1.7.518-en/?PK_Device=36051787&ReturnUrl=aHR0cHM6Ly9ib3NjaC5taW9zLmNvbS91c2Vyc;

BOSCH Welcome 15°F Thu 3:02:09 PM Home

Dashboard > Devices > **Cameras >** Scenes > Settings + Apps + Users & Account Info + Logout x

Step 1: Select Your Device

Step 2: Pair Your Device

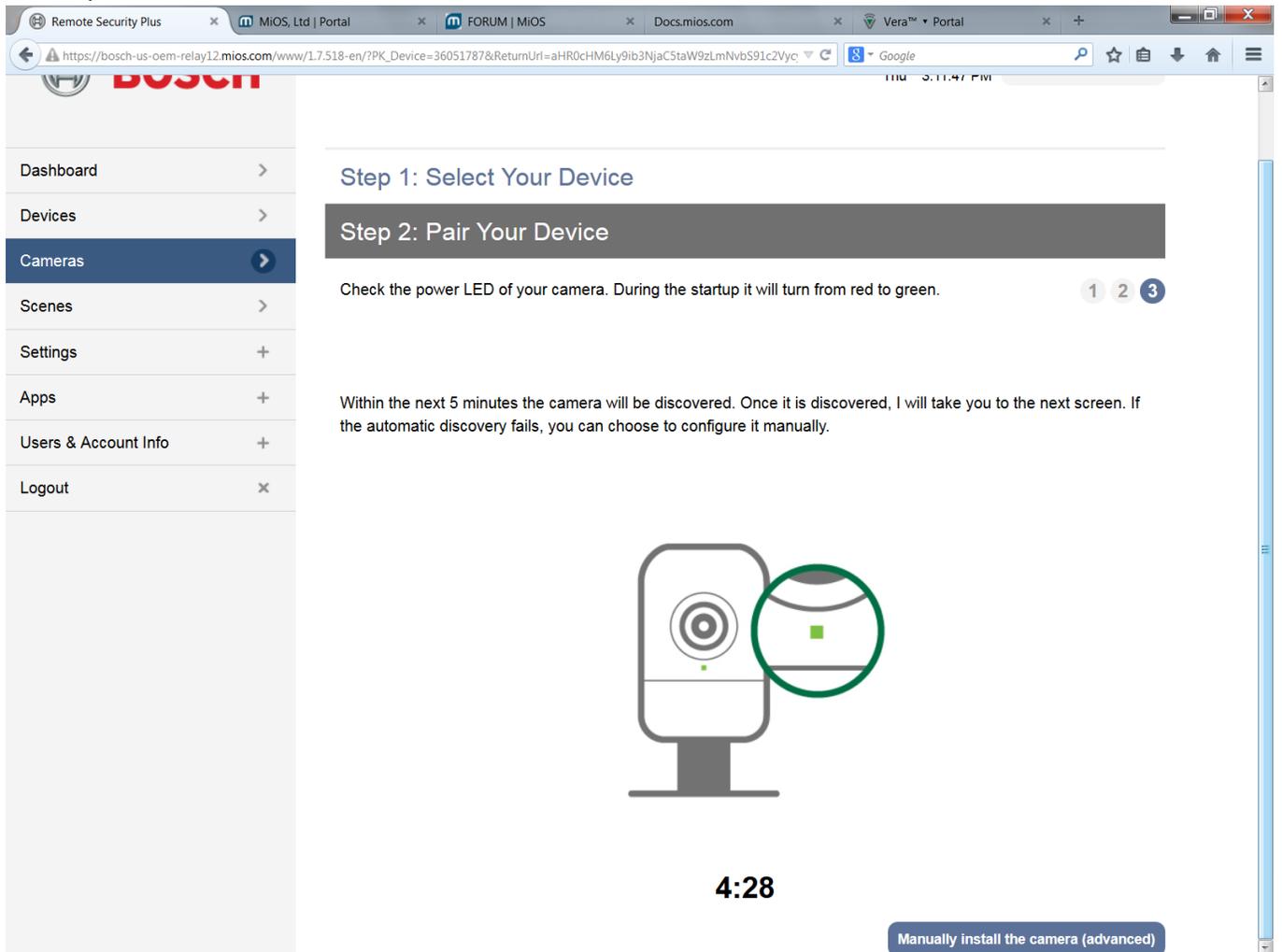
Now connect the network and power source. If it was already connected, you must disconnect and re-connect the network and power. 1 2 3

PoE or

Next

Connect the Ethernet cable from the Camera to a port on your LAN, apply power, and click Next.

4. Step 2: Pair Your Device (3)



Step 1: Select Your Device

Step 2: Pair Your Device

Check the power LED of your camera. During the startup it will turn from red to green. 1 2 3

Within the next 5 minutes the camera will be discovered. Once it is discovered, I will take you to the next screen. If the automatic discovery fails, you can choose to configure it manually.



4:28

Manually install the camera (advanced)

The camera should be detected within the next 5 minutes.

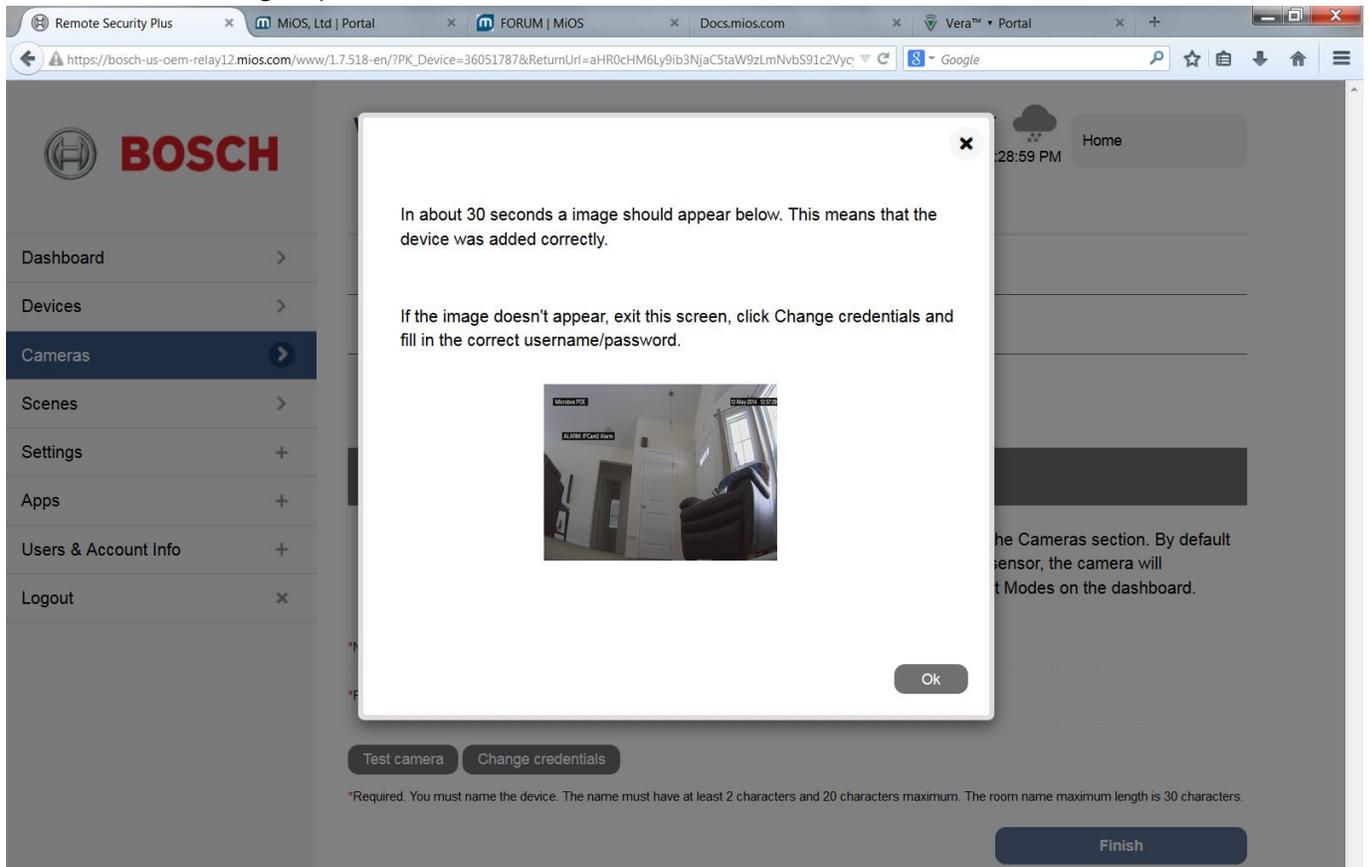
If the camera isn't detected in 5 minutes you can manually install it by clicking the Manual Installation button.

5. Step 3: Name Your Device

The screenshot shows a web browser window with the Bosch security system interface. The browser tabs include 'Remote Security Plus', 'MIOS, Ltd | Portal', 'FORUM | MIOS', 'Docs.mios.com', and 'Vera™ | Portal'. The address bar shows a URL from 'bosch-us-oem-relay12.mios.com'. The page features a sidebar with navigation options: Dashboard, Devices, Cameras (selected), Scenes, Settings, Apps, Users & Account Info, and Logout. The main content area displays a 'Welcome' message with weather information (15°F, Thu 3:23:27 PM) and a 'Home' button. Below this, the setup process is shown in three steps: 'Step 1: Select Your Device', 'Step 2: Pair Your Device', and 'Step 3: Name Your Device'. A 'Device Detected!' notification is visible. The 'Step 3' section contains a text block explaining that the camera has been added and will archive 30 seconds of video upon an alert. Below this, there are input fields for 'Name' (pre-filled with 'IP micro 2000 HD') and 'Room' (a dropdown menu with 'Please choose a room'). There are 'Test camera' and 'Change credentials' buttons. A 'Finish' button is located at the bottom right. A small asterisked note at the bottom states: '*Required. You must name the device. The name must have at least 2 characters and 20 characters maximum. The room name maximum length is 30 characters.'

You'll be brought to a page where you'll need to name the camera and select a room for the camera. Fill in the name and room information and press the Test Camera button.

6. Test Camera Image (optional)

The screenshot shows a web browser window with the Bosch MiOS interface. A modal dialog box is centered on the screen, containing the following text: "In about 30 seconds a image should appear below. This means that the device was added correctly." Below this text is a small video feed showing a room with a white door and a brown leather chair. The dialog box also includes the text: "If the image doesn't appear, exit this screen, click Change credentials and fill in the correct username/password." At the bottom right of the dialog box is an "Ok" button. In the background, the Bosch logo and a navigation menu are visible. The menu items are: Dashboard, Devices, Cameras (highlighted), Scenes, Settings, Apps, Users & Account Info, and Logout. Below the dialog box, there are buttons for "Test camera" and "Change credentials". At the bottom right of the page, there is a "Finish" button. A small note at the bottom of the page reads: "*Required. You must name the device. The name must have at least 2 characters and 20 characters maximum. The room name maximum length is 30 characters."

Click on the “Ok” button when you see an image from the camera.

Note: If a non-default HTTP port is used for the Cameras’ live video image, you will not receive a video image. You may finish the installation of the Camera and, later, enter the camera Settings menu to enter the camera HTTP port number. Save the new settings.

7. Change Credentials (optional)

The screenshot shows the Bosch Mios web interface. The left sidebar contains navigation options: Dashboard, Devices, Cameras (selected), Scenes, Settings, Apps, Users & Account Info, and Logout. The main content area displays a 'Welcome' message with weather information (15°F, Thu 3:29:51 PM) and a 'Home' button. Below this, the setup process is shown in three steps: Step 1: Select Your Device, Step 2: Pair Your Device, and Step 3: Name Your Device. A 'Device Detected!' notification is visible. The 'Step 3: Name Your Device' section includes a text input for the name (currently 'IP micro 2000 HD') and a dropdown menu for the room (currently 'Please choose a room'). There are buttons for 'Test camera' and 'Change credentials'. Below these are input fields for 'Username' and 'Password', and a 'Save' button. A 'Finish' button is located at the bottom right. A small note at the bottom states: '*Required. You must name the device. The name must have at least 2 characters and 20 characters maximum. The room name maximum length is 30 characters.'

Once the new credentials are entered and saved, you may press the Finish button.

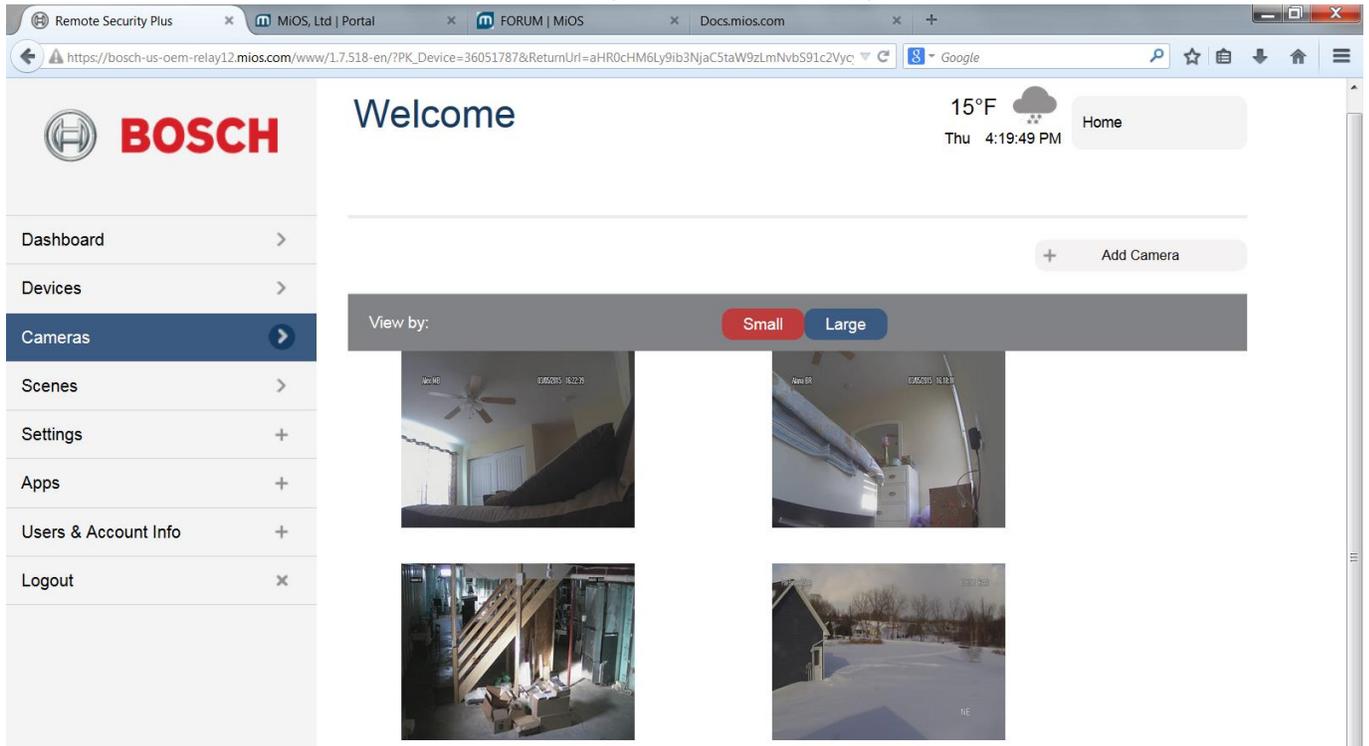
Note: If a non-default Username and/or Password are used for live video, you will not receive a video image when Testing the camera image. You may select Change Credentials, enter the camera's credentials, Save, and retest the camera image.

3. Viewing Images with Your Bosch IP Camera

Once you've made the physical connection between your camera and your Home Control Gateway, it will now be available for use and viewing.

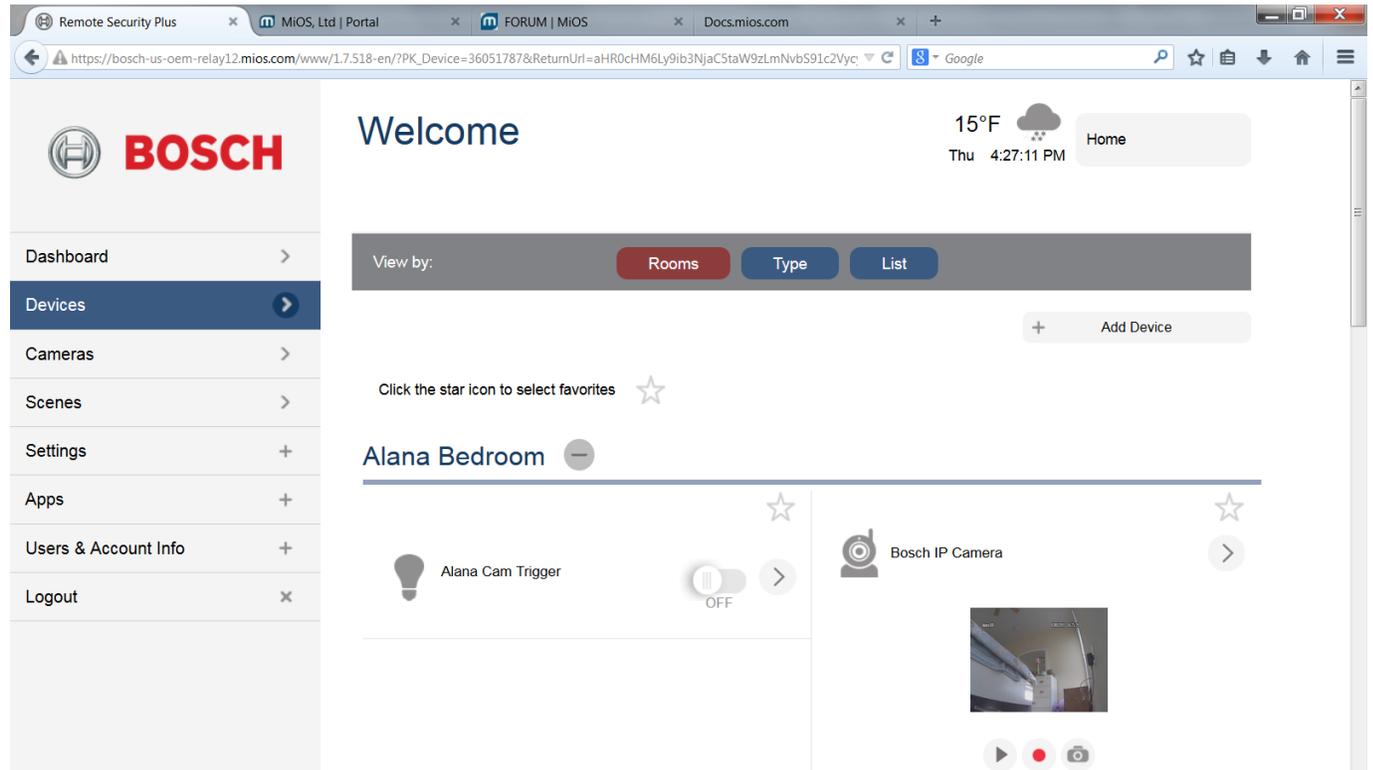
From the main menu, select "Cameras"

You'll now see your camera's small, thumbnail, images appear on this page:

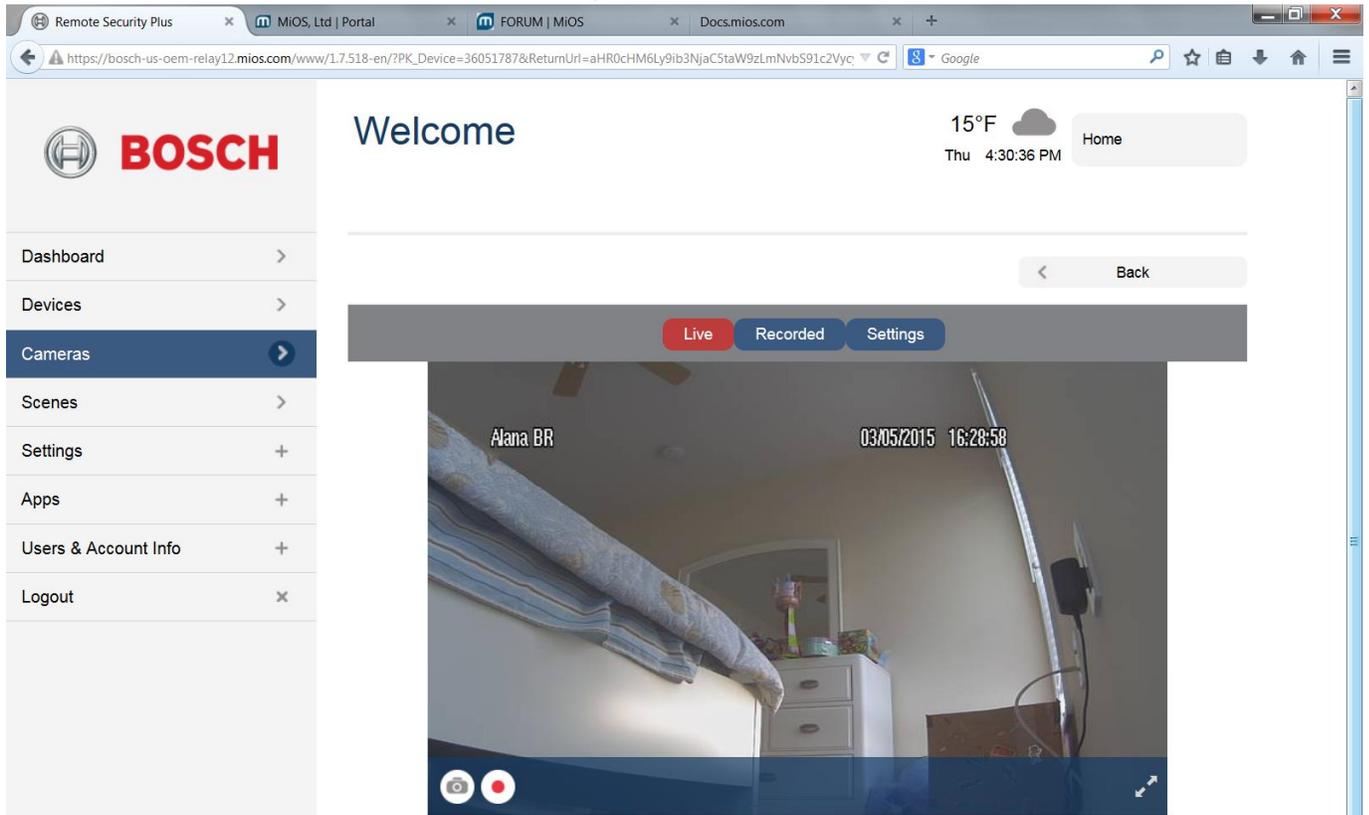


Your cameras should now be operational and delivering images, as shown. Larger images may be viewed by pressing the "Large" button.

From the main menu, select "Devices". Your cameras should show up on your Dashboard as shown below:



To view the live video that your camera is now seeing, simply click the  button. You will be taken to a closer look at the live video stream as it's occurring:



The screenshot shows a web browser window displaying the Bosch IP Camera management interface. The browser's address bar shows the URL: https://bosch-us-oem-relay12.mios.com/www/1.7.518-en/?PK_Device=36051787&ReturnUrl=aHR0cHM6Ly9ib3NjaC5taW9zLmNvbS91c2Vyc. The interface features a sidebar menu on the left with the following items: Dashboard, Devices, Cameras (highlighted), Scenes, Settings, Apps, Users & Account Info, and Logout. The main content area displays a 'Welcome' message, the current temperature (15°F), and the time (Thu 4:30:36 PM). Below this, there is a 'Back' button and a video player. The video player has three tabs: 'Live' (selected), 'Recorded', and 'Settings'. The video feed shows a room with a bed, a nightstand, and a camera mounted on a wall. The video player includes a timestamp '03/05/2015 16:28:58' and the camera name 'Alana BR'. At the bottom of the video player, there are icons for camera control (a camera icon and a red stop icon) and a zoom-in/out icon.

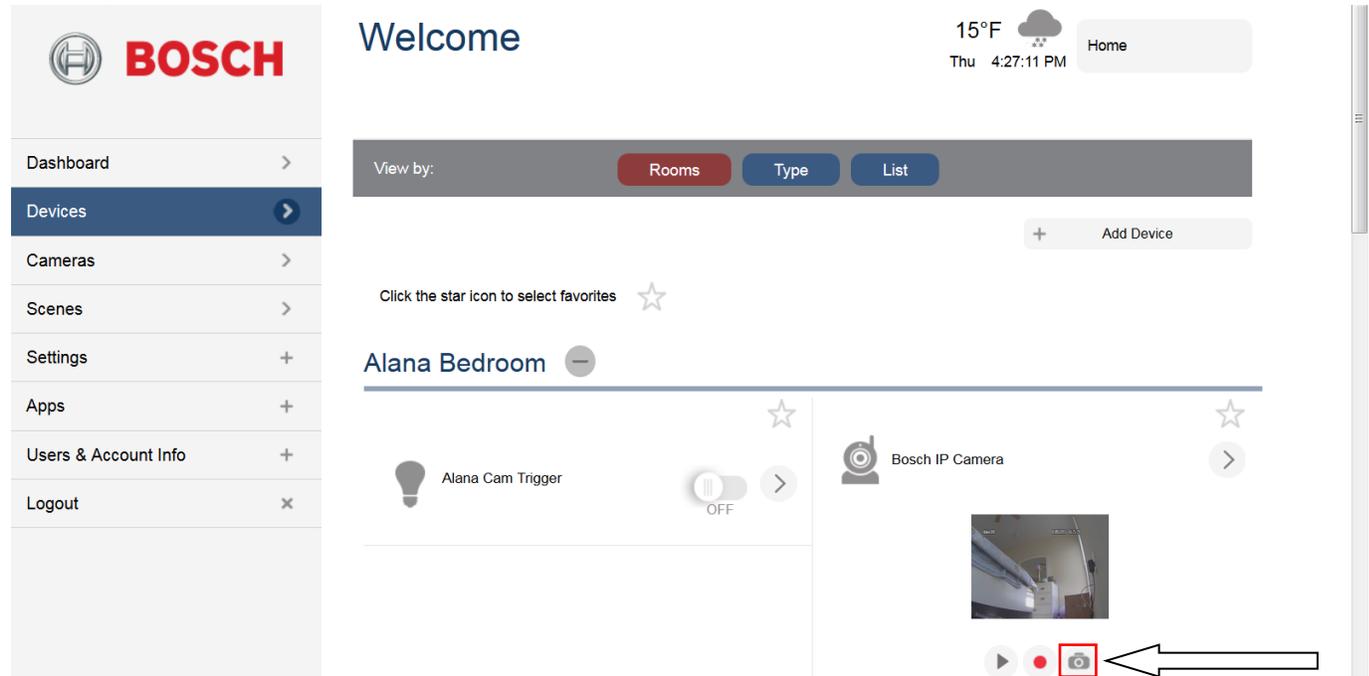
Now that your Bosch IP Camera is delivering images, you can start to configure camera behavior. There are a number of options, but first, you may want to point and focus the camera to its final position.

This takes just a few minutes and only has to occur once. After that, your camera will be ready to properly function.

4. Saving Photos and Video

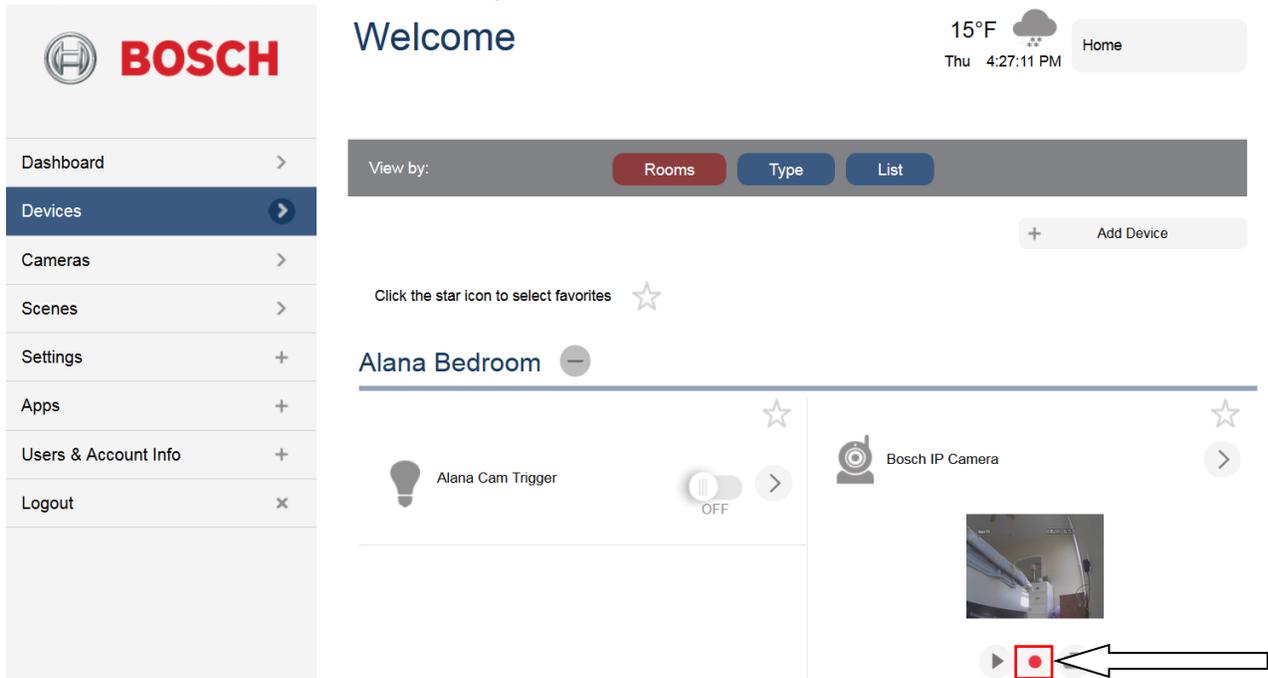
Your system can let you save photographic snapshots and video captures from your cameras, both manually (just like shooting a photo) or automatically, such as by specific times, or by triggering (such as a motion sensor being tripped). These pictures can be saved in an archive that you can access later. Here's how:

To take a snapshot at any time from your system, go to the "Devices" menu, and then select the camera you want to use. You can save the image by simply clicking the "Take a Snapshot"  button - this takes a picture.



The screenshot displays the Bosch Home Control Gateway interface. On the left is a navigation menu with the Bosch logo and options: Dashboard, Devices (selected), Cameras, Scenes, Settings, Apps, Users & Account Info, and Logout. The main content area shows a 'Welcome' message, weather information (15°F, Thu 4:27:11 PM), and a 'Home' button. Below this is a 'View by:' filter with 'Rooms', 'Type', and 'List' buttons, and an 'Add Device' button. A star icon is used to mark favorites. The selected room is 'Alana Bedroom'. Underneath, there are two device cards: 'Alana Cam Trigger' with a lightbulb icon and a toggle switch set to 'OFF', and 'Bosch IP Camera' with a camera icon. Below the 'Bosch IP Camera' card is a live video feed. At the bottom of the video feed are three control buttons: a play button, a red stop button, and a camera icon (the 'Take a Snapshot' button), which is highlighted with a red box and a white arrow pointing to it from the right.

You can do the same thing with video as well as still pictures. From your system, go to "Devices". You'll see your camera(s) appear in the web page as shown below:

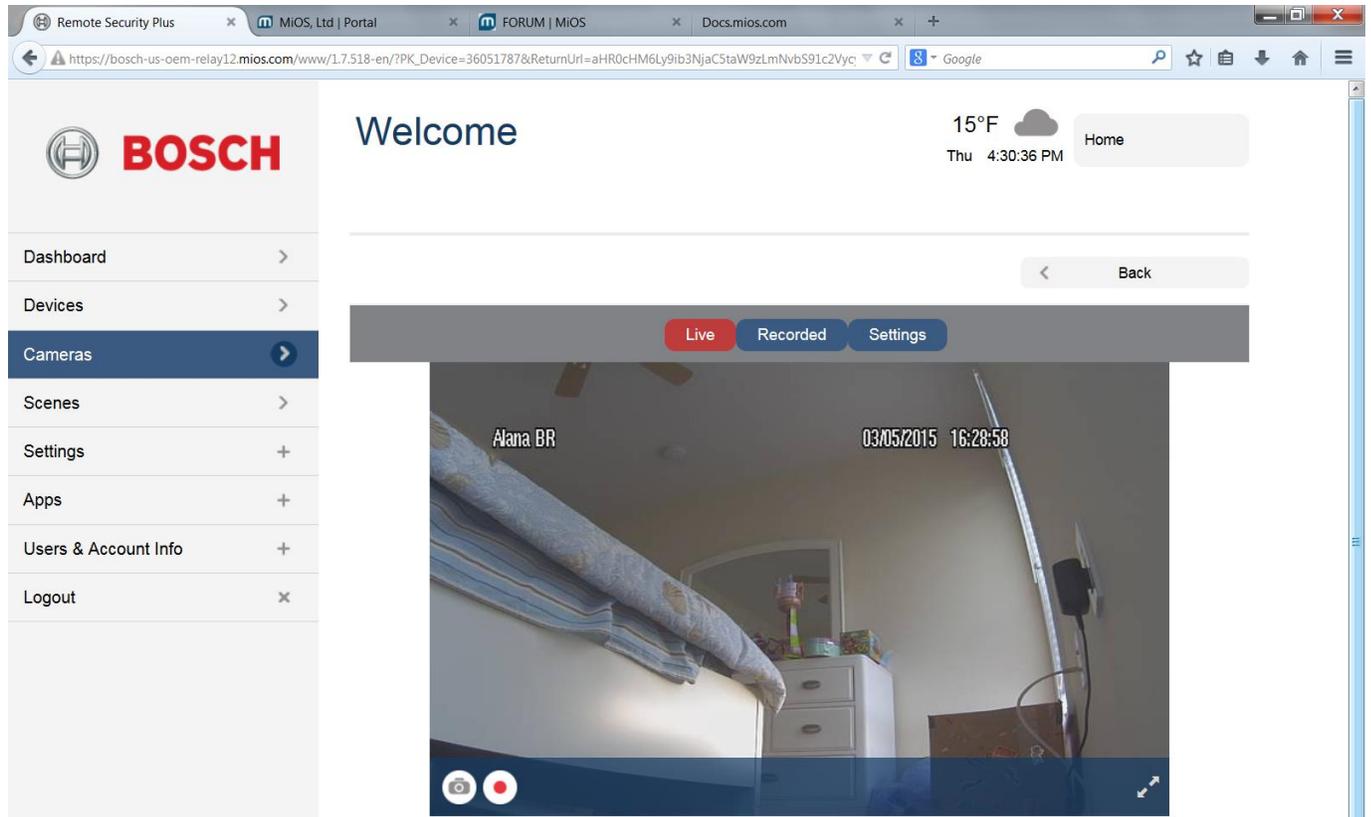


Click on the "Record video"  button to start record a video for 30 seconds.

VIEWING YOUR VIDEOS AND PHOTOS

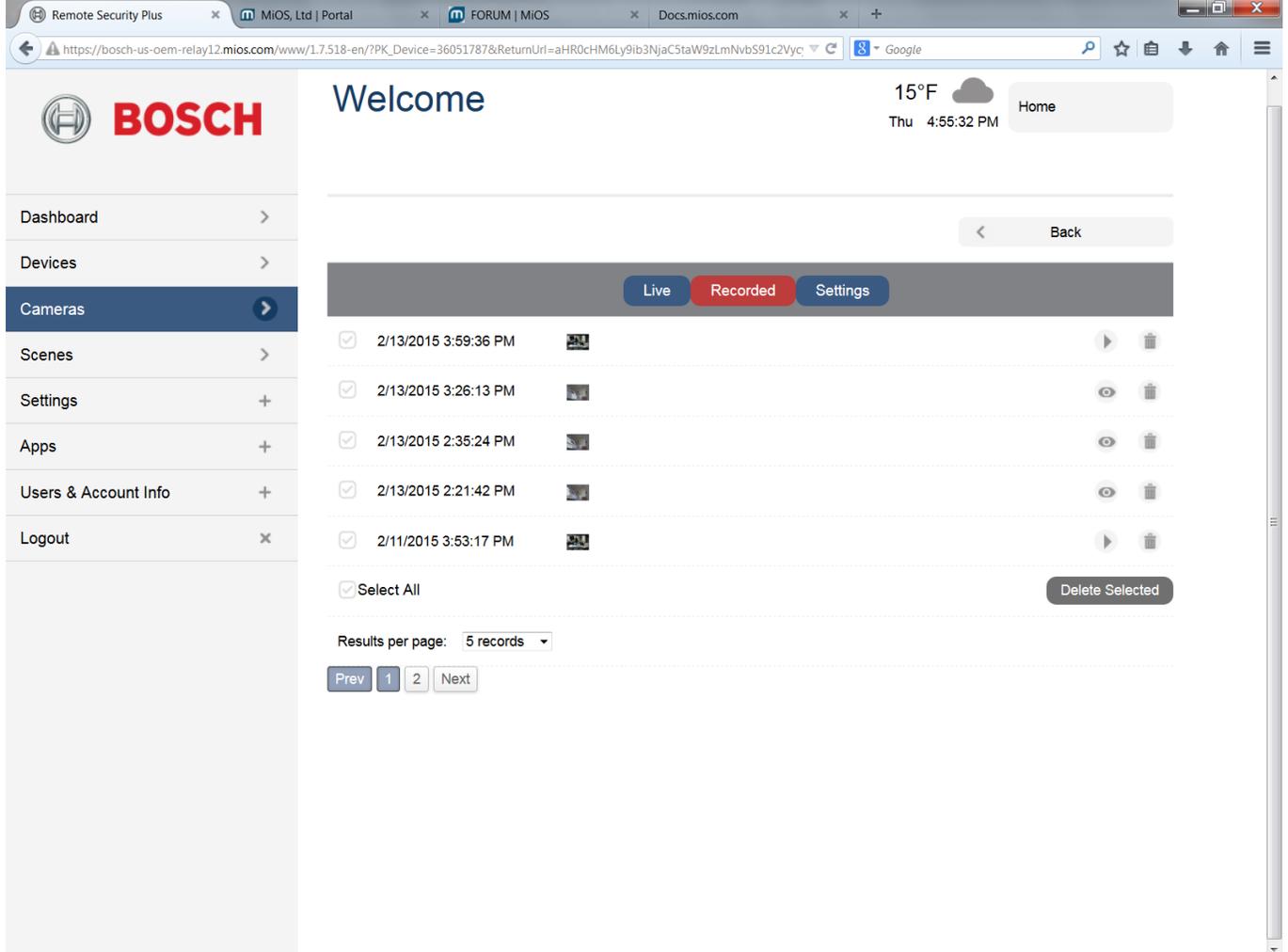
To view your archived photos and videos, use "Devices" then select your camera. If you have more than one camera in your setup, select the camera that shot the saved images you want to view. Then click the

"Play" " " button, which will bring you to the camera's live view screen, as shown below:



Select the "Recorded" button at the top of the camera view screen.

You'll then be taken to a page as shown below. You'll see a display of all the photos and videos that were recorded, as shown below:



The screenshot displays the Bosch MiOS web interface. The top navigation bar includes the Bosch logo, a 'Welcome' message, the current temperature (15°F), and the time (Thu 4:55:32 PM). A left sidebar menu contains options: Dashboard, Devices, Cameras (selected), Scenes, Settings, Apps, Users & Account Info, and Logout. The main content area features a 'Welcome' heading, a 'Back' button, and a filter bar with 'Live', 'Recorded' (selected), and 'Settings' tabs. Below this is a list of recorded items, each with a checkbox, a timestamp, a small image thumbnail, and icons for play (video) or eyeball (photo). The list includes five entries from 2/13/2015 and one from 2/11/2015. At the bottom of the list, there is a 'Select All' checkbox, a 'Delete Selected' button, a 'Results per page: 5 records' dropdown, and pagination buttons for 'Prev', '1', '2', and 'Next'.

Click on the recorded snapshots (eyeball) or recorded video (play button) in order to review the recorded images. You may also delete recordings (garbage can) from this list.

Note: It may take several minutes for recorded video to show up in your recorded list.