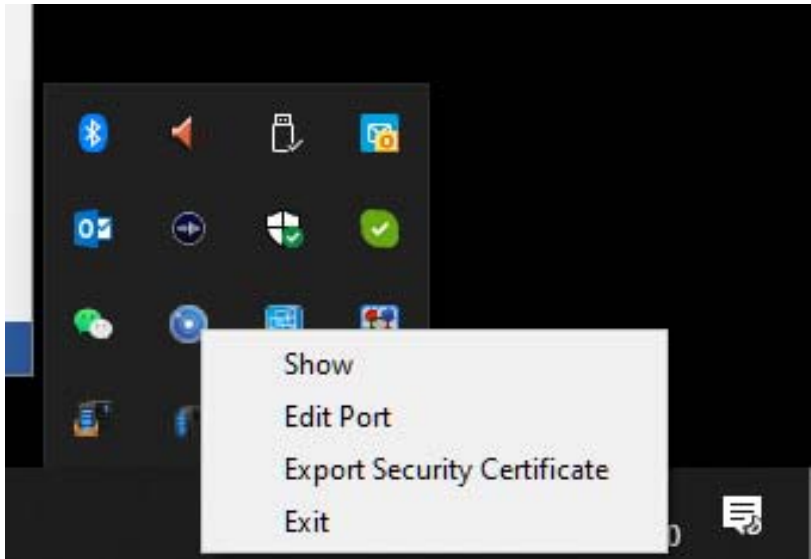
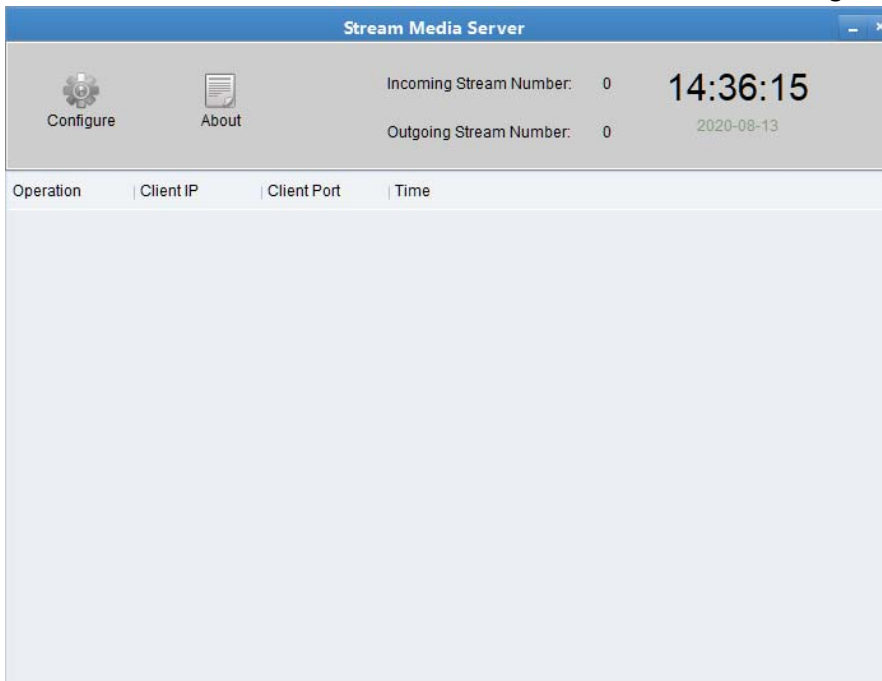


Mira Stream Media Server

1. Make sure Mira and the Stream Media Server are installed on both machines (For example, PC1 and PC1)
2. On PC1, run Mira software first, then run the Stream Media Server
3. Find the Mira icon from toolbar, right click and select Export Security Certificate, save the xml file to a location



4. Click on the Stream Media Server from the tool bar and click on Configuration



5. Click on Import and select the Security Certificate you just exported from Mira and click OK

Configure

Listening Port: 556

Security Certification: Import

Autorun software

Auto-login operating system

OS User Name:

OS Password:

OK Cancel

6. Go to Mira software and make sure the cameras are added to the Device section

TRENDnet Mira

Not Logged in admin

Remote Playback Main View Maintenance and Management

Device Management

Device

Group

Event Management

Storage Schedule

Account Management

System Configuration

System Log

Device Stream Media Server

+ Add Online Device Delete Upgrade(0) Refresh Total (1) Filter

| <input type="checkbox"/> | Name | Connection T... | Network Param... | Device Type | Serial No. | Security Level | Resource Us... | Firmware Upgrade |
|--------------------------|-------|-----------------|-------------------|-----------------|-----------------------------|----------------|----------------|----------------------|
| <input type="checkbox"/> | 329PI | IP/Domain | 192.168.1.55:8000 | Encoding Device | TV-IP329PI20181015AAWRC5... | Weak | Online | No available version |

Refresh Every 60s. Total (12) Filter

| <input type="checkbox"/> | IP Address | Device Model | Firmwar... | Security ... | Port | Enhance... | Serial No. | Bo... | Added | Support ... | Mira Status | Op |
|-------------------------------------|---------------|--------------|-------------|--------------|------|------------|---------------------|--------|-------|-------------|-------------|----|
| <input type="checkbox"/> | 192.168.1.3 | TV-IP325PI | V5.4.5bu... | Active | 8000 | N/A | TV-IP325PI201707... | 202... | No | Yes | Close | € |
| <input type="checkbox"/> | 192.168.1.35 | TV-IP323PI | V5.5.3bu... | Active | 8000 | N/A | TV-IP323PI201810... | 202... | No | Yes | Enable | € |
| <input checked="" type="checkbox"/> | 192.168.1.55 | TV-IP329PI | V5.5.12b... | Active | 8000 | N/A | TV-IP329PI201810... | 202... | Yes | Yes | Enable | € |
| <input type="checkbox"/> | 192.168.1.189 | TV-IP318PI | V5.5.3bu... | Active | 8000 | N/A | TV-IP318PI201711... | 202... | No | Yes | Enable | € |
| <input type="checkbox"/> | 192.168.1.190 | TV-IP314PI | V5.4.1bu... | Active | 8000 | N/A | TV-IP314PI201605... | 202... | No | N/A | N/A | € |
| <input type="checkbox"/> | 192.168.1.191 | TV-IP322WI | V5.3.4bu... | Active | 8000 | N/A | TV-IP322WI201704... | 202... | No | N/A | N/A | € |
| <input type="checkbox"/> | 192.168.1.193 | TV-IP314PI | V5.4.1bu... | Active | 8000 | N/A | TV-IP314PI201605... | 202... | No | N/A | N/A | € |
| <input type="checkbox"/> | 192.168.1.194 | TV-IP314PI | V5.4.1bu... | Active | 8000 | N/A | TV-IP314PI201604... | 202... | No | N/A | N/A | € |

Activate Add Close

7. Go to Stream Media Server and click on Add, give a name for the stream server and use this PC's IP address for the Address and click Add. Remember the port number if changed.

The screenshot shows the TRENDnet Mira web interface. The main navigation menu on the left includes Device Management, Device, Group, Event Management, Storage Schedule, Account Management, System Configuration, and System Log. The 'Device Management' section is active, and the 'Stream Media Server' tab is selected. A table lists the server configuration:

| Name | IP Address | Operation |
|------------|--------------|------------------|
| TestStream | 192.168.1.28 | [Edit] [Refresh] |

An 'Edit' dialog box is open on the right, with the following fields:

- * Name: TestStream
- * Address: 192.168.1.28
- * Port: 556

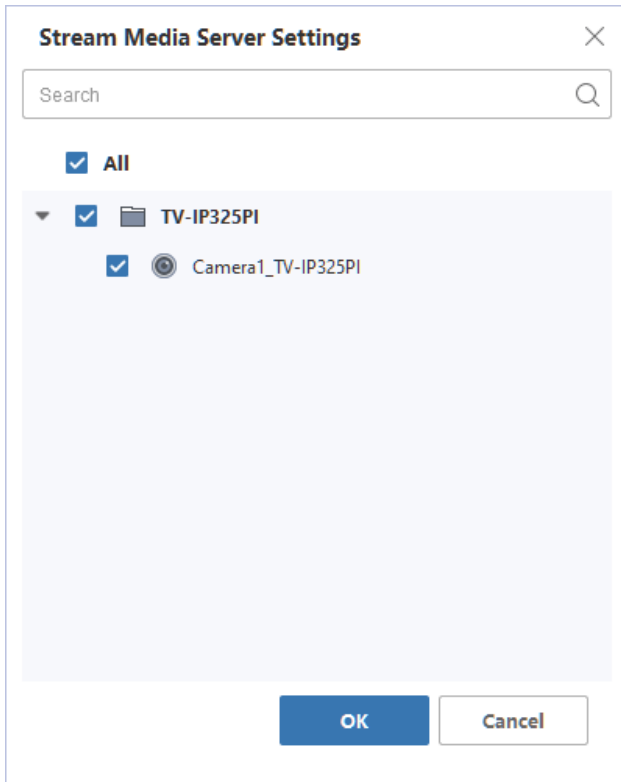
Buttons for 'Edit' and 'Cancel' are visible at the bottom of the dialog.

8. Highlight the server and select Settings

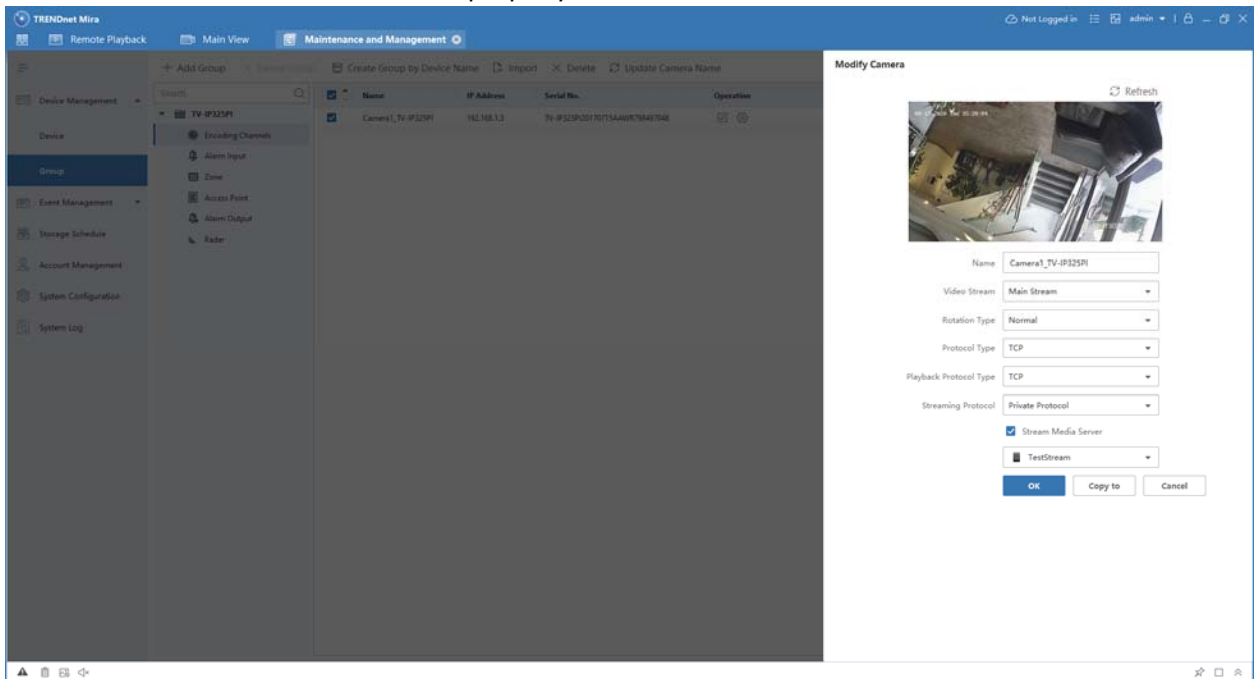
The screenshot shows the same TRENDnet Mira web interface. The 'Stream Media Server' table is now highlighted, and the 'TestStream' server is selected. The table includes a 'Filter' input field and a 'Total (1)' indicator. The 'Operation' column for the selected server shows a gear icon for settings.

| Name | IP Address | Operation |
|------------|--------------|----------------------|
| TestStream | 192.168.1.28 | [Settings] [Refresh] |

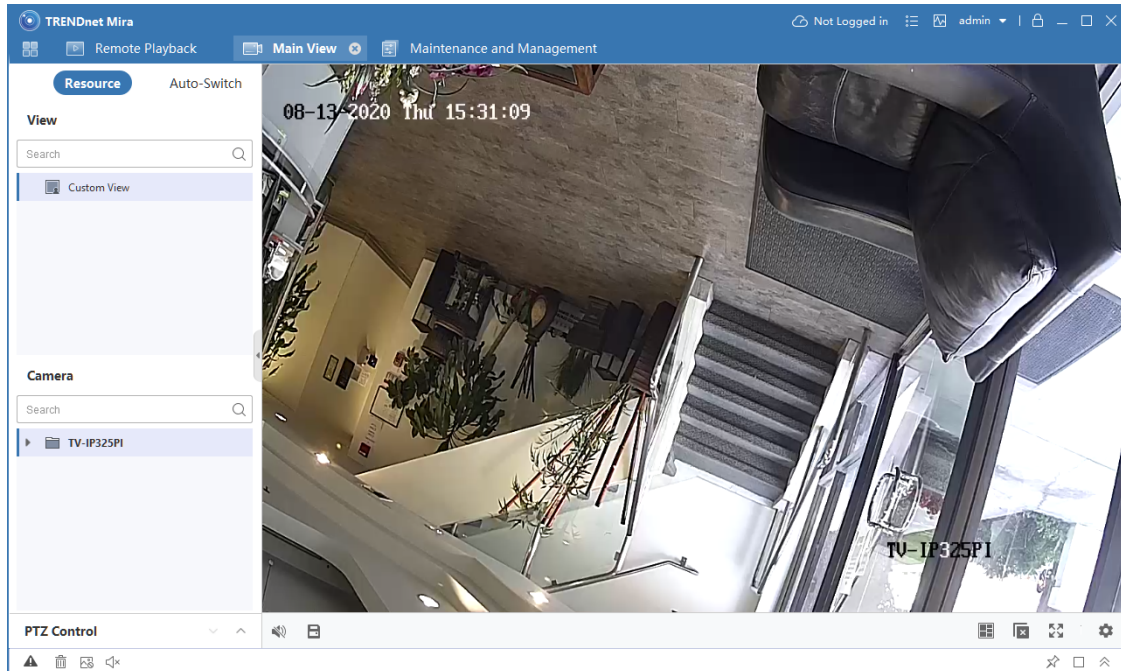
9. Select the needed cameras and click OK



10. Then go to Group section, go to camera's Encoding Channels then click on Edit. Make sure Stream Server is checked and selected properly.

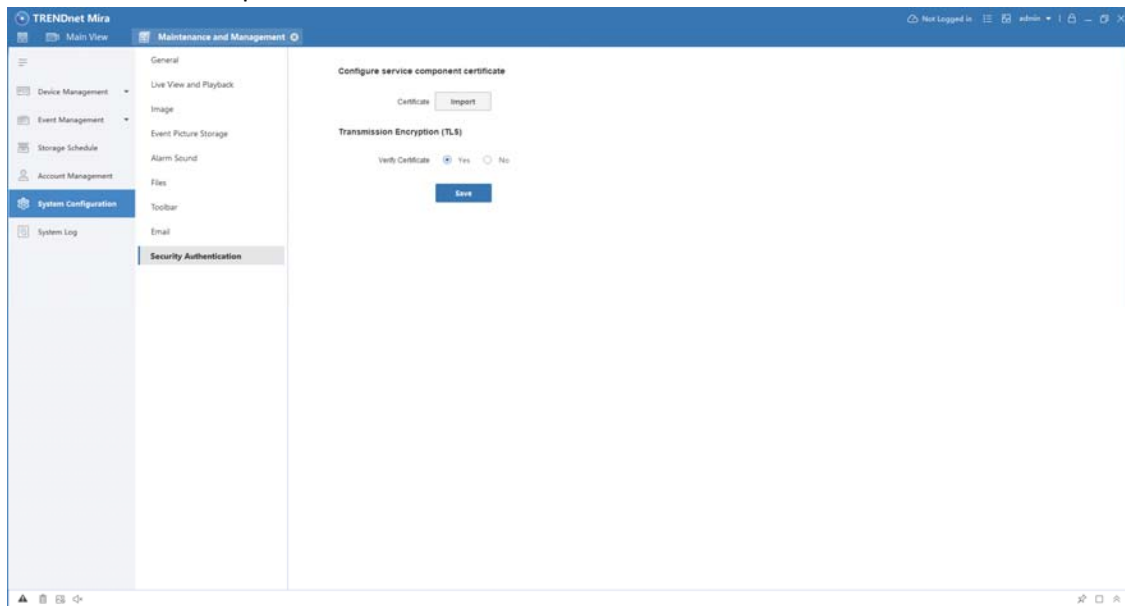


11. Go to Main section and make sure the camera display correctly

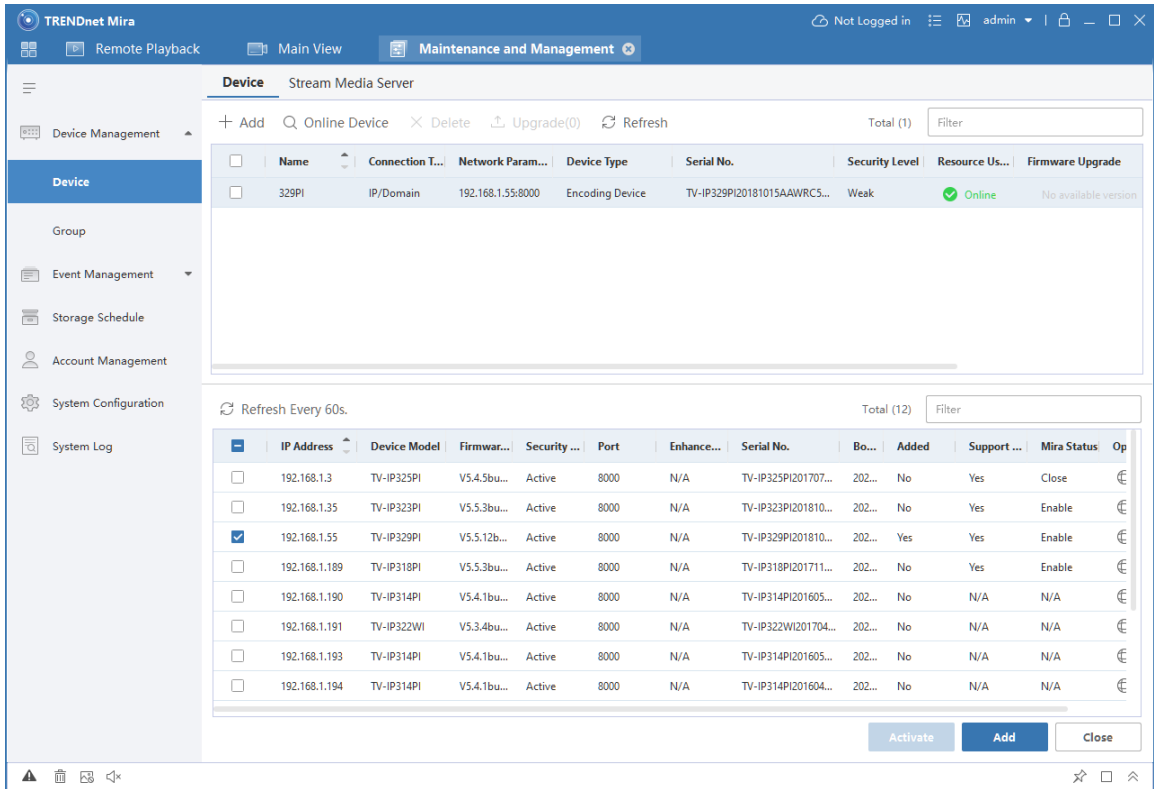


12. Now copy the Security Certificate and take it to PC2 (PC2 only needs Mira software, no Stream Media Server needed)

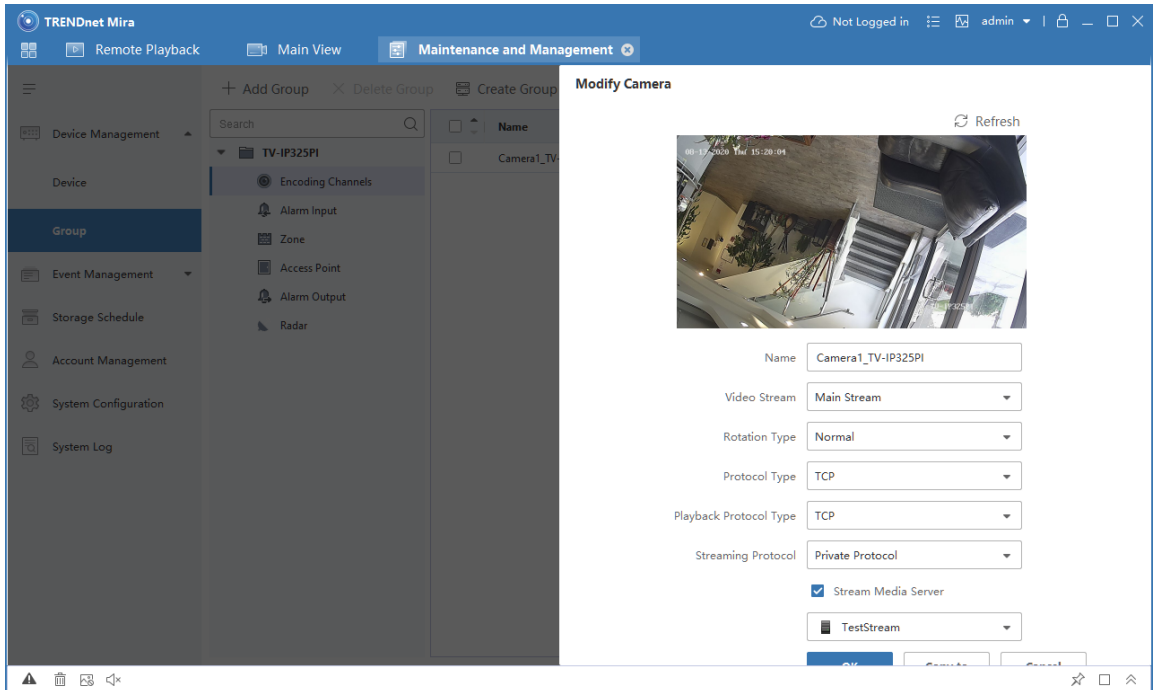
13. Open Mira, go to System Configuration and Security Authentication, click on Import to import the certificate then press Save.



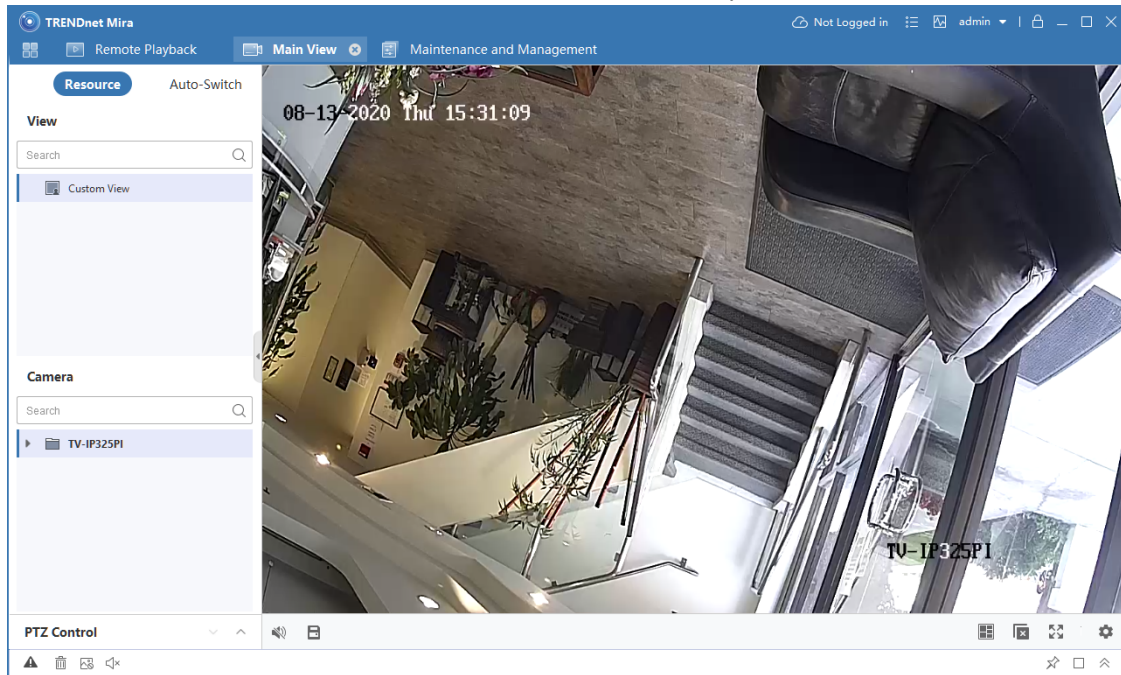
14. Add the camera to the Mira software



15. Make sure the camera appears under Group and it's configured to stream via Stream Media Server



16. Go to Main View to make sure the camera functions correctly



17. Setup is completed.

Q&A

1. Why do I have to add the cameras on both sides?
 - For security reason, the cameras have to be added on all locations that will be connected to the Stream Media Server.
2. Why do I use Stream Media Server?
 - To reduce network bandwidth from the cameras.