IX Series
Hanwha Wisenet WAVE

| **Platform and Version:** Wave v 4.2.0.32841 | **Tested Stations:** IX-DA, IX-DVM, IX-DV, IX-DVF-* | **Compatible Firmware:** Version 6.0 or newer |

Getting Started

This application note shows the required configuration to add compatible IX Series stations to the Wisenet WAVE VMS. These steps are meant to be followed after the general configuration of the IX Series stations have been completed. Please refer to the IX Series Quick Start Guide for more information.

Support Tool - Configuring ONVIF and RTSP Credentials

On the left-hand side menu, expand **Station Information** and select **ID and Password**. This screen will allow the addition of an ONVIF/RTSP ID and ONVIF/RTSP Password. Both credentials are required for integration with the Wave Integration client. Special characters may be used when creating an ID and Password with Support Tool Version 8.30 or above.

		Station Information				Station Information							
		Identification				ID and Password							
#	Number	Name	Location	Station Type	Administrator ID	Administrator Password	User ID	User Password	ONVIF ID	ONVIF Password	RTSP ID	RTSP Password
0001	0001	Master Station		IX-MV7-*	admin123	*********						
0002	0002	Video Station		IX-DV, IX-DVF(-*)	admin123	*********			aiphone	*******	aiphone	*******

ONVIF ID and Password
Enter an ID and Password.

RTSP ID and Password
Enter the same ID and Password used for the ONVIF ID and Password.

Click **Update** to save the changes.

Support Tool - Setting File Upload

From the top menu bar, click **File(F)** and select **Upload Settings to Station**.

Station List

Select	Number	Name	Location	Station Type	Status
☑	0001	Master Station		IX-MV7-*	-
☑	0002	Video Station		IX-DV, IX-DVF(-*)	-

Select Station by Type: All

Select file type to be uploaded

| Settings | Sounds | Schedule |

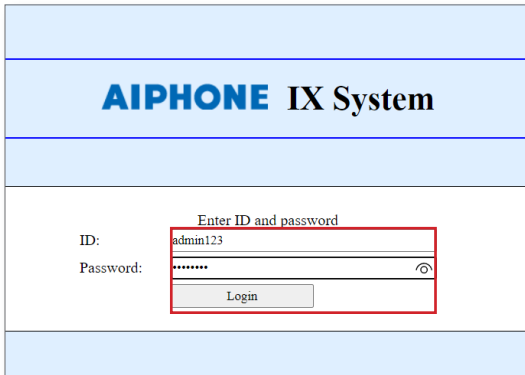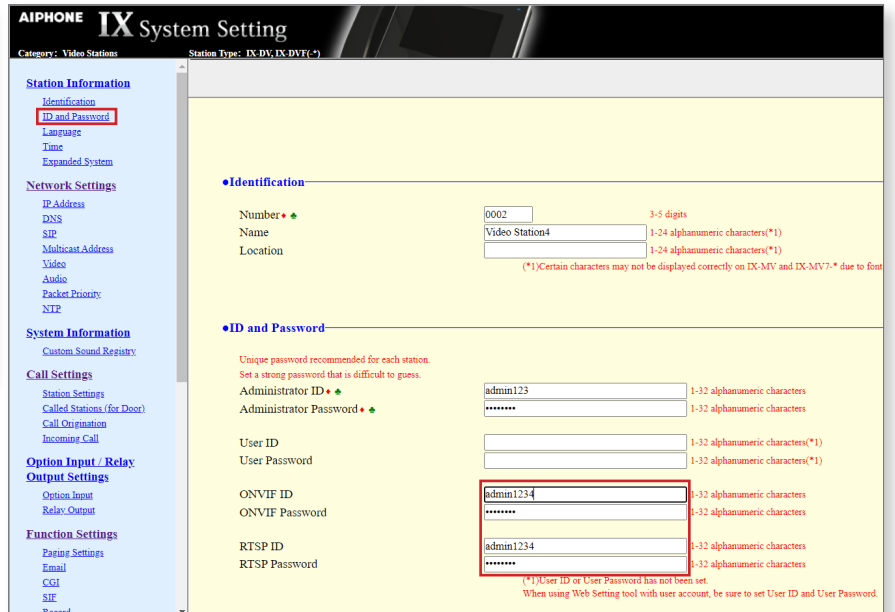| **Select Stations** |
| --- |
| Use the drop-down menu under Select Station by Type and chose **All**, then click **Select**. |

Settings
Click **Settings** to upload the configuration settings to each station.

For more details about the features and information above, please contact Technical Support.
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WEB GUI - Configuring ONVIF and RTSP Credentials

Open a web browser and navigate to the IX Series door station using https://ipaddress/webset.cgi?login and login with the ID and Password. This method is used for scenarios where there is a low door station count. Aiphone does not recommend this method for systems with more than two door stations or systems initially programmed using the IX Support Tool.

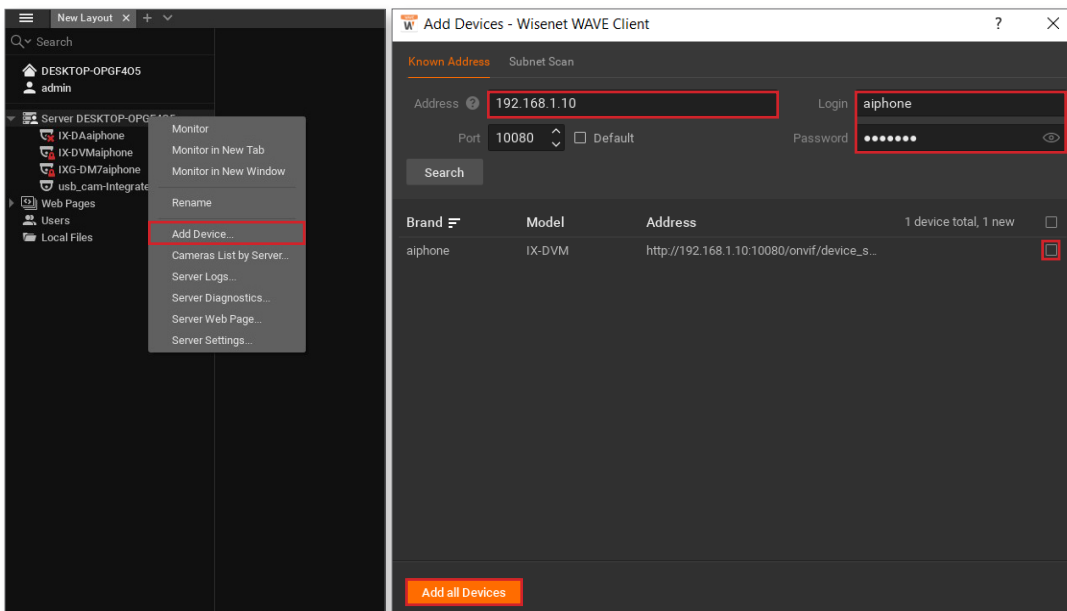| Station Information	ID and Password	
Select ID and Password from the menu on the left.	Enter an ONVIF and RTSP ID and Password.	Click **Update** to save the changes.

Adding a Door Station

When logging into the WAVE client software a directory list will be displayed. Under the server directory list, the software will send out a broadcast to look for any IX Series stations. If for any reason the software is unable to find the IX Series stations, they can be added manually by following the steps in this section.

Add Device
Right click the server and select **Add Device...**

Address
Enter the **IP Address** of the IX Series door station to be added.

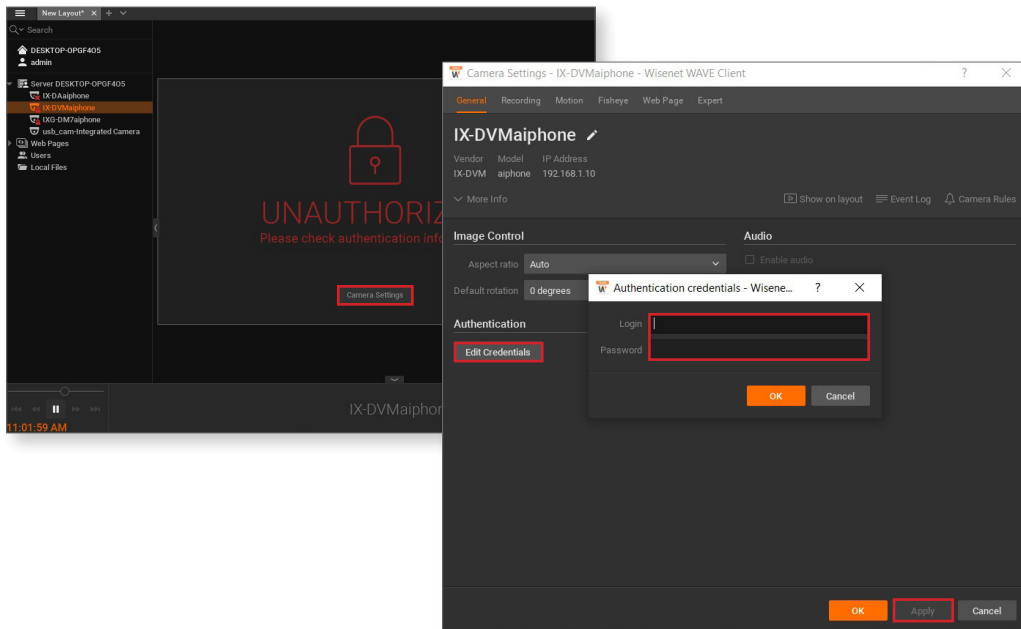| ID and Password |
|---|
| Enter the **ONVIF ID and Password** created on page 1. |

Add All Devices
Select the check box next to the station and click **Add all Devices**.

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Verify ONVIF and RTSP Credentials

By default, WAVE Client will assume the ONVIF and RTSP credentials are set to "admin". Due to security requirements, this has to be changed to match the ONVIF and RTSP credentials created on page 1.

Camera Settings

Click the **Camera Settings** button.
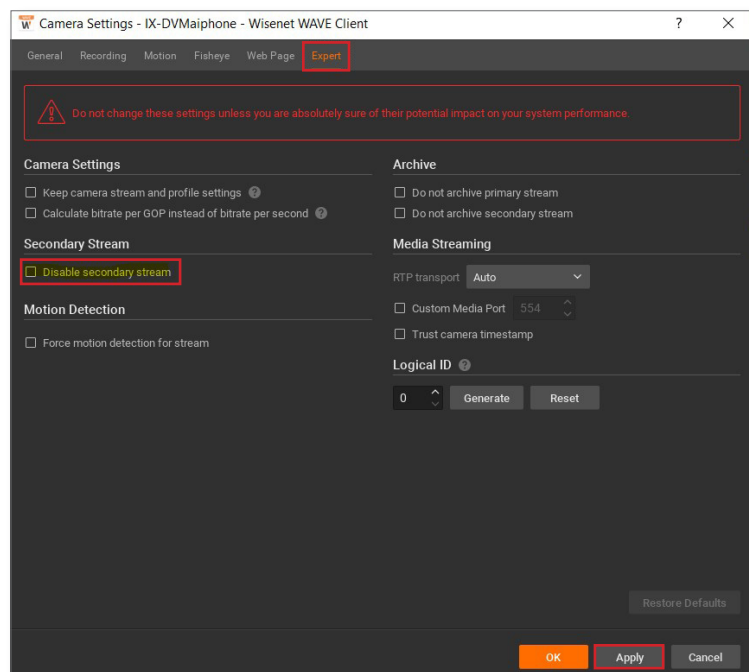
Edit Credentials

Click **Edit Credentials** and enter the ONVIF ID and Password set on page 1. Click **OK** .

Apply Changes

Once the new authentication credentials have been added click **Apply** .

Disabling the Secondary Stream

After the IX Series station ONVIF and RTSP credentials have been verified, the live stream window from the IX Series door station will display a "no signal" error message. To resolve this, the secondary stream will need to be disabled for each station in the directory list. Right click an IX Series door station from the server directory list on the left and select **Camera Settings**.

Select the Expert Tab

Select the **Expert** tab at the top of the window.

Disable Secondary Stream

Place a check mark in the **Disable Secondary Stream** box.

Apply Changes

Click the **Apply** button to save changes.

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