

IX Series Milestone™ XProtect®

Platform and Version: XProtect 2021 v21.1b | **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 Milestone™ XProtect®. 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 XProtect client. Special characters may be used when creating an ID and Password with Support Tool Version 8.30 or above.

Table View

Station View

- Station Information
- Identification
- ID and Password**
- Time
- Expanded System

Row Previous Next

Enter Number Display

Number of Notes: 3

- 1. Unique password recommended for each station.
- 2. Set a strong password that is difficult to guess.

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
<input checked="" type="checkbox"/>	0001	Master Station		IX-MV7-*	-
<input checked="" type="checkbox"/>	0002	Video Station		IX-DV, IX-DVF(*)	-

Select Station by Type:

All Select Unselect

Select file type to be uploaded

Settings Sounds Schedule

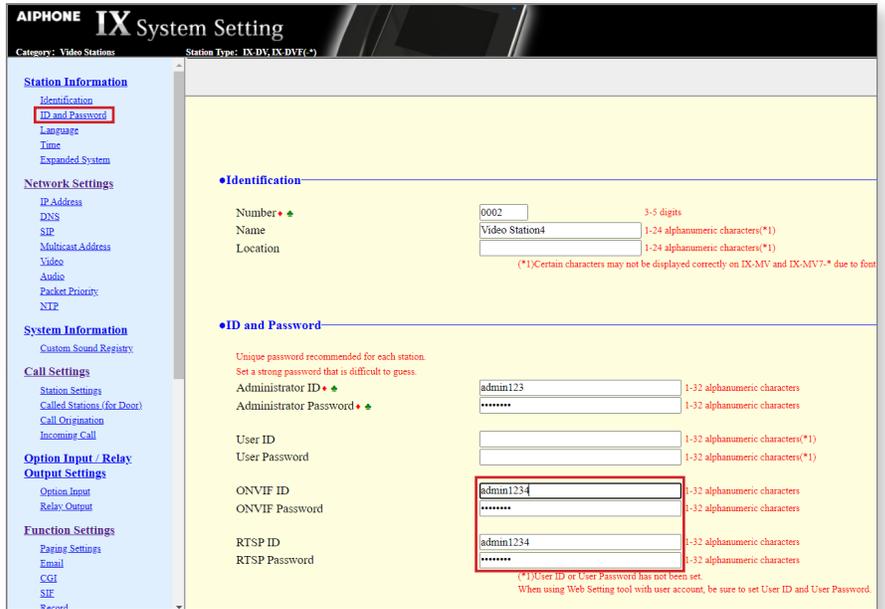
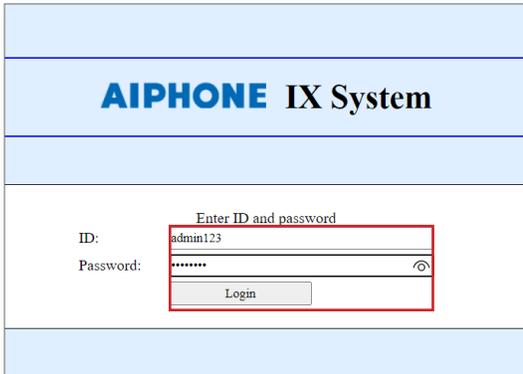
Select Stations
Use the drop-down menu under **Select Station by Type** and chose **All**, then click **Select**.

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

For more details about the features and information above, please contact Technical Support.

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.



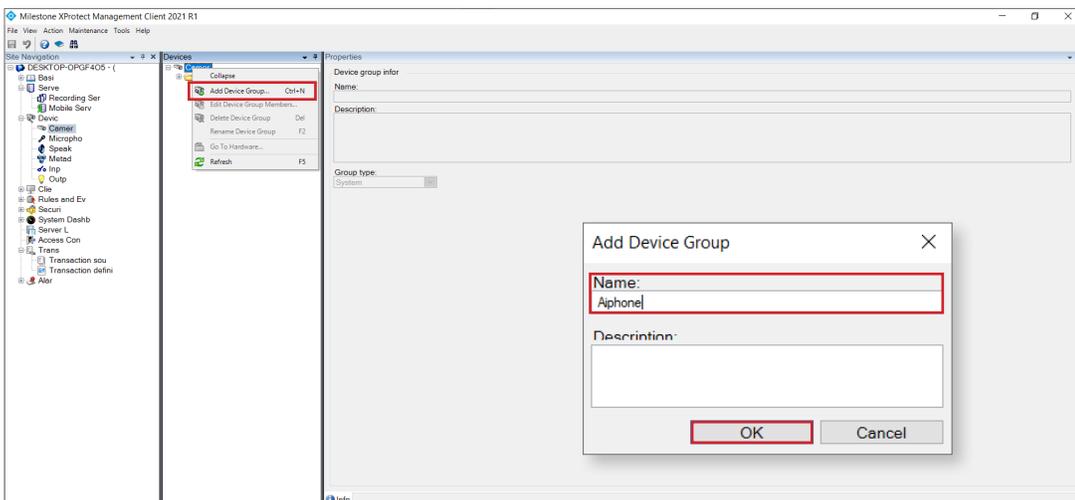
Station Information
Select **ID and Password** from the menu on the left.

ID and Password
Enter an ONVIF® and RTSP ID and Password.

Click **Update** to save the changes.

Creating a Device Group

Before adding IX Series stations to the client software, it is required to create a device group to associate the stations with.



Add Device Group
Right click the device type and select **Add Device Group...**

Name
Enter the **Name** of the device group.

OK
Click the **OK** button to save the device group.

Adding IX Stations to the Client

In order to use IX Series stations with the client software, the default HTTP listening port will need to be changed to 10080 instead of 80. This requires the stations to be added manually through the programming wizard.

Add Hardware

Right click the server being used and select **Add Hardware...**

Manual

Select **Manual** in the Add Hardware programming wizard.

Next

Once **Manual** has been selected click the **Next** button.

ONVIF® Credentials

The ONVIF ID and Password created in the IX Support Tool will need to be added to the programming wizard in order for the IX Series stations to authenticate with the client software.

Optionally, specify additional user credentials to connect with if the hardware is not using the factory defaults.

Include	User name	Password
<input type="checkbox"/>	(Factory default)	*****
<input checked="" type="checkbox"/>	aiphone	*****

Add

Select which drivers to use when scanning for hardware. The more drivers selected, the slower the scanning.

- Areco
- AXI
- Bos
- Can
- Hanw
- HikVisi
- Infino
- JV
- Milesto
- Mobot
- ONV
- Panaso
- Samsu
- Son
- Univer
- Oth

Select All
Clear All

Add

Click the **Add** button and enter the ONVIF® ID and Password in the empty fields to the left. Click **Next** when completed.

Select ONV

Place a check mark next to **ONV**.

Next

Click the **Next** button to continue to the next step.

For more details about the features and information above, please contact Technical Support.

IP Address and Port Information

The client software will need to verify that the IX Series station resides on the network and then checks credentials, ONVIF® information, and that you can connect to the station to pull basic information from it.

Add Hardware

Enter the network address and port of the hardware you want to add. Optionally, select the hardware model to speed up detection.

Address	Port	Use HTTPS	HTTPS port	Hardware model
192.168.1.66	10080	<input type="checkbox"/>	443	(Auto-detect)

Add Hardware

Wait while your hardware is being detected. Once detection has completed, select which hardware to add.

Detected hardware:

Add	Address	Port	Hardware model	Status
<input checked="" type="checkbox"/>	192.168.1.66	10080	aiphone IX-DV (ONVIF)	✓ Success

IP Address and Port

Enter the IP address of the IX Series station and change the port number from 80 to **10080**.

Confirm Status

Once the hardware is detected **Success** will be displayed in the Status column.

Next

Click the **Next** button to continue to the next step.

Enabling Features

The client software will need permission to use IX Series station features such as video streaming. Once that is done each station type will need to be assigned to the group created earlier in this application note.

Add Hardware

Hardware and cameras are enabled per default. Manually enable additional devices to be used. The hardware and its devices will be assigned auto-generated names. Alternatively, enter names manually.

Hardware name template: Default Device name template: Default

Hardware Camera Microphone Speaker Metadata Input Output

Hardware to Add	Enabled	Name
aiphone IX-DV - 192.168.1.66	<input checked="" type="checkbox"/>	
Hardware:	<input checked="" type="checkbox"/>	aiphone IX-DV (192.168.1.66)
Camera port 1:	<input checked="" type="checkbox"/>	aiphone IX-DV (192.168.1.66) - Camera 1
Microphone port 1:	<input type="checkbox"/>	aiphone IX-DV (192.168.1.66) - Microphone 1
Input port 1:	<input type="checkbox"/>	aiphone IX-DV (192.168.1.66) - Input 1
Input port 2:	<input type="checkbox"/>	aiphone IX-DV (192.168.1.66) - Input 2
Input port 3:	<input type="checkbox"/>	aiphone IX-DV (192.168.1.66) - Input 3
Input port 4:	<input type="checkbox"/>	aiphone IX-DV (192.168.1.66) - Input 4
Input port 5:	<input type="checkbox"/>	aiphone IX-DV (192.168.1.66) - Input 5

Add Hardware

Select a default group for all devices types. Alternatively, select device group individually for each device.

Default camera group: Aiphone

Default microphone group: No group selected...

Default speaker group: No group selected...

Default metadata group: No group selected...

Default input group: No group selected...

Default output group: No group selected...

Devices	Add to Group
Cameras	
aiphone IX-DV (192.168.1.66) - ...	Default Group

Enable Hardware and Camera

Place a check mark in the **Hardware** and **Camera port 1** box under the **Enabled** column. When completed click the **Next** button.

Add to Group

Use the **Add to Group** drop-down menu to select the group created earlier in this application note.

Finish

Click the **Finish** button to complete the setup.

For more details about the features and information above, please contact Technical Support.