

# IX|IXG Series

## OpenEye® Command Station Integration Guide

This guide explains how to integrate IX|IXG Series stations with OpenEye's Command Station desktop client. Once the integration is complete, Command Station will be able to view and record video from the intercom stations.

These instructions assume that the IX|IXG Series stations have already been programmed using IXG Support Tool, and that a copy of the system's configuration is available.

IXG Support Tool can be downloaded from here: <https://www.aiphone.com/IXG-SupportTool>.

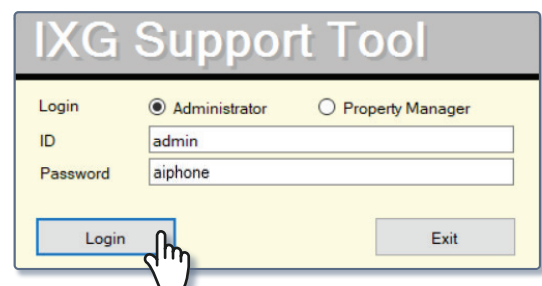
See this link for instructions on exporting and importing a configuration from another PC: <https://www.aiphone.com/ixg-export-import>.

For more programming instructions, see the IXG Series Quick Start Guide: <https://www.aiphone.com/IXG-Series-QuickStartGuide>.

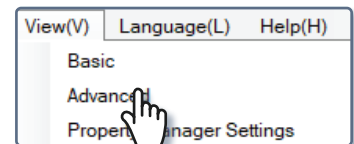
## IXG Support Tool Settings

### Getting Started

Open IXG Support Tool. Fill in the credentials and click **Login** to sign in as an administrator.



Select **View(V)** on the top menu and switch the mode over to Advanced.



# ONVIF® Streaming (IXG Support Tool Settings)

## Setting Credentials

In IXG Support Tool, navigate to **Station Information**, ID/Password on the side menu. Add an ONVIF ID, ONVIF Password, RTSP ID, and RTSP Password to each station that will stream to Command Station. Record these for later steps. Click **Save**.

| Unit Number | Station Name        | ID / Password     |                 |         |               | ONVIF ID | ONVIF Password | RTSP ID | RTSP Password |
|-------------|---------------------|-------------------|-----------------|---------|---------------|----------|----------------|---------|---------------|
|             |                     | ID(Administrator) | Password(Admin) | User ID | User Password |          |                |         |               |
| 001         | Video Door Station1 | aiphone           | *****           |         |               | aiphone  | *****          | aiphone | *****         |
| 002         | Video Door Station1 | aiphone           | *****           |         |               | aiphone  | *****          | aiphone | *****         |
| 003         | Entrance Station1   | aiphone           | *****           |         |               | aiphone  | *****          | aiphone | *****         |

## Enabling Video Streaming (For IXG-DM7-HIDA)

To enable video streaming on an IXG-DM7-HIDA, navigate to **Network Settings**, Video on the side menu. Scroll right and find the **Second Video Encoder** column under **ONVIF Transmit Channel**. Use the drop-down menu to change the setting to Enable for each IXG-DM7-HIDA to be registered. Click **Save**.

| Unit Number | Station Name        | Video          |              |                        |                |             |              |                  |
|-------------|---------------------|----------------|--------------|------------------------|----------------|-------------|--------------|------------------|
|             |                     | SIP Channel    |              | ONVIF Transmit Channel |                |             |              |                  |
|             |                     | RTP Start Port | RTP End Port | Video Streaming        | Second Video E | Video Codec | Resolution   | Frame Rate [fps] |
| 001         | Video Door Station1 | 30000          | 31000        |                        | Enable         | H.264/AVC   | 1280x720(HD) | 10               |
| 002         | Video Door Station1 | 30000          | 31000        |                        | Enable         | H.264/AVC   | 1280x720(HD) | 10               |
| 003         | Entrance Station1   | 30000          | 31000        |                        | Enable         | H.264/AVC   | 1280x720(HD) | 10               |

## Updating Station Firmware

The IX|IXG stations' firmware will need to be up to date to properly integrate with the Command Station software. To check the current firmware version of the stations, select **Connection(S)**, Station Search on the top menu. A station search will begin automatically. Click **Cancel** on the pop-up window after 5 seconds. The current firmware version will be displayed to the right. Record each station's IP address for a later step.

| Station Search                           |             |                   |              |              |                   |                  |
|------------------------------------------|-------------|-------------------|--------------|--------------|-------------------|------------------|
| Search results within the local network. |             |                   |              |              |                   |                  |
| Station List                             |             |                   |              |              |                   |                  |
| Building Nu                              | Unit Number | Station Name      | Station Type | IP Address   | MAC Address       | Firmware Version |
|                                          |             | Entrance Station1 | IXG-DM7(-*)  | 192.168.1.25 | 00:0B:AA:41:05:85 | 2.93             |

Check the latest firmware versions at [www.aiphone.com/kbtopic/firmware-ix-ixg](http://www.aiphone.com/kbtopic/firmware-ix-ixg). Download and extract the newest version of each station's firmware. If there are multiple options for a station model, choose the one labeled "Enhanced." Otherwise, choose "Standard."

Navigate to **Maintenance, Firmware Update** on the side menu. For each type of station to be updated, click **Browse** to locate the firmware package on the PC.

Select all stations that will have their firmware updated and click **Update**. This process will take several minutes, and the stations will reboot.

**i** Do not interrupt a firmware update once it has begun, including unplugging the station. Doing so can damage the station. A notification window will appear when all firmware updates are complete.

**Update Firmware**

Download the log file before updating (IXG-2C7(-\*), IXG-DM7(-\*), and IXGW-(T)GW with version 1.02 or older. To download the log file, go to "Connection -> Download Log File".

To check the current firmware version, go to "Connection -> Station Search".

Select Firmware files:

IXG-2C7(-\*)

IXG-DM7(-\*)(Main)

IXG-DM7(-\*)(Sub)

IXG-MK

Select Station(s) to update:

| Select                              | Building Nu | Unit Number | Station Name            | Station Type       | Status |
|-------------------------------------|-------------|-------------|-------------------------|--------------------|--------|
| <input type="checkbox"/>            | 01          | 1111        | Tenant Station1         | IXG-2C7(-*)        | -      |
| <input type="checkbox"/>            | 01          | 1111        | Video Door Station1     | IX-DV (IX-DVF(-*)) | -      |
| <input checked="" type="checkbox"/> | 01          | 1112        | Master Station1         | IX-MV7(-*)         | -      |
| <input type="checkbox"/>            | 01          | 1112        | Video Door Station1     | IX-DVM             | -      |
| <input type="checkbox"/>            | 01          | 1113        | Entrance Station1(Main) | IXG-DM7(-*)        | -      |

Select Station by Type:

## Uploading Settings to Stations

To upload settings to the stations, navigate to **Connection(S), Upload Settings** on the top menu.

Select each station by placing a check mark next to it, or click **Select** to choose all stations at once. Click **Settings** to upload the configuration. This will apply all settings to the stations.

**i** If a station upload fails, make sure that the programming PC is in the same IP range as the stations.

Select the station(s) to upload the Setting File(s):

| Select                              | Building Nu | Unit Number | Station Name        | Station Type     | Status |
|-------------------------------------|-------------|-------------|---------------------|------------------|--------|
| <input checked="" type="checkbox"/> | 01          | 001         | Video Door Station1 | IX-DV,IX-DVF(-*) | -      |
| <input checked="" type="checkbox"/> | 01          | 002         | Video Door Station1 | IX-EA,IX-EAU     | -      |
| <input checked="" type="checkbox"/> | 01          | 003         | Master Station1     | IX-MV7(-*)       | -      |
| <input checked="" type="checkbox"/> | 01          | 004         | Entrance Station1   | IXG-DM7(-*)      | -      |
| <input checked="" type="checkbox"/> | 01          | 005         | Video Door Station1 | IX-DVM           | -      |

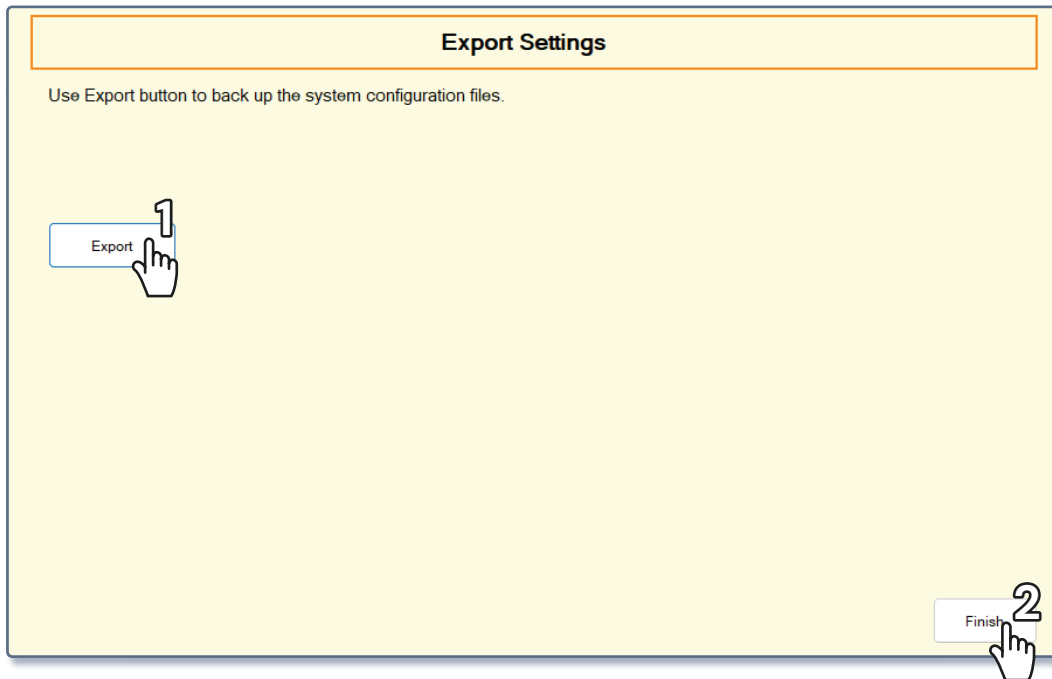
Select Station by Type:

Select file type to be uploaded.

## Exporting Settings

It is always recommended to back up up the configuration file. This allows the setting file to be imported into IXG Support Tool on a different PC.

Navigate to **File(F)**, Export System Configuration on the top menu. A pop-up window will appear. Click **Export** and choose a location on the PC to save the configuration. This will create a folder with the name of the site. **The entire folder is required to recover the system.** If it needs to be sent by email, compress the folder first. Once the process is complete, click **Finish**.



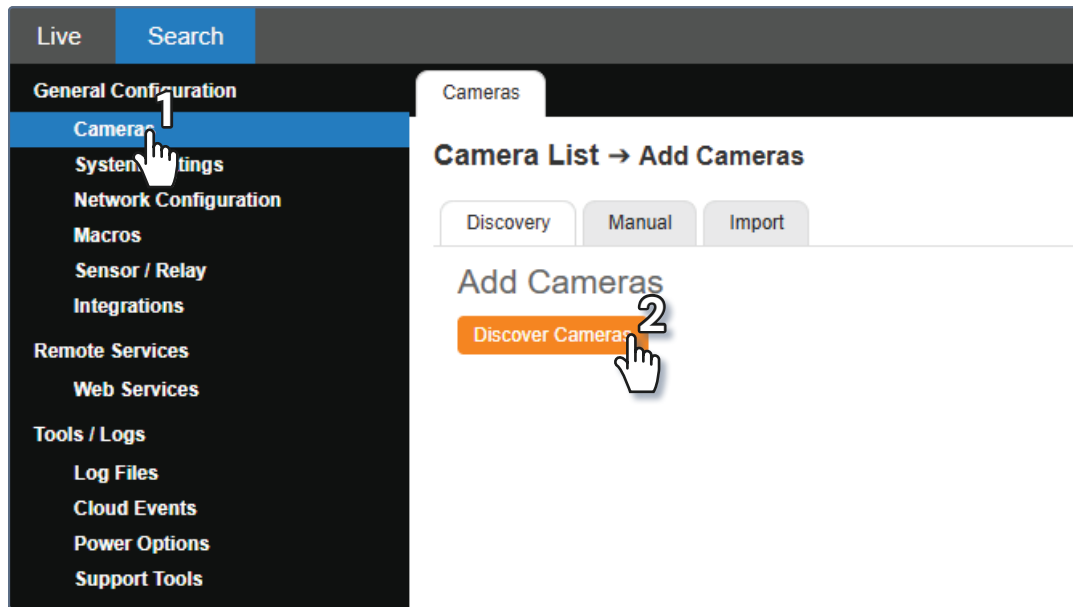
# OpenEye® Command Station Settings

Log into the web GUI for Command Station. Click the cog symbol at the top right of the screen.

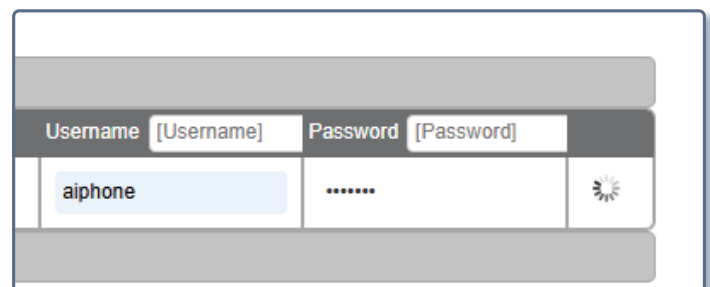
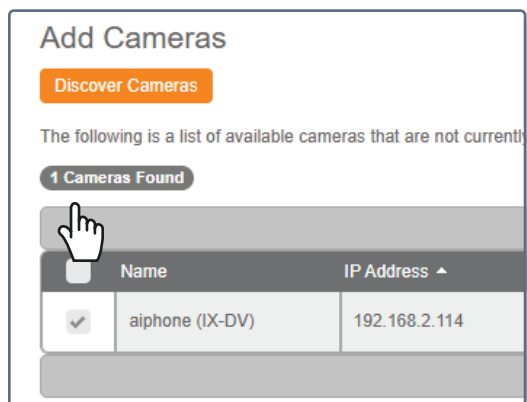


Navigate to **General**

**Configuration**, Cameras on the side menu. Click **Discover Cameras**.



The IX|IXG Series stations will be listed as cameras. Check the box to the left of each row, then fill in the credentials created for video streaming in IXG Support Tool under the Username and Password columns.



Once all credentials have been entered, click **Add Selected Cameras** at the bottom of the page.

