

IX Series ONVIF® and RTSP Registration

Summary

This application note shows the required configuration to register IX Series video door stations to a compatible VMS using ONVIF® or RTSP. 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.

Minimum Requirements

Station Firmware Version: 6.0 and above

IX Support Tool Version: 9.0 and above

Compatible Video Door Stations: IX-DV, IX-DVF, IX-DVF-RA, IX-DVF-2RA, IX-DVM, IX-EA, and IX-DA.

Support Tool - Configuring ONVIF® and RTSP Credentials

On the left-hand side menu, expand **Station Information** and select **ID and Password**. Set an ID and Password for both ONVIF® and RTSP, as both credentials are required for integration with a VMS client regardless of which method is utilized.

#	Station Information				Station Information				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	*****

ID and Password
Enter an ID and Password for both the ONVIF and RTSP columns.

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**.

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.

The screenshot shows the 'Station Information' page with the following fields:

- Identification:** Number (0002), Name (Video Station), Location.
- ID and Password:** Administrator ID (admin123), Administrator Password (*****), User ID, User Password, ONVIF ID (admin1234), ONVIF Password (*****), RTSP ID (admin1234), RTSP Password (*****).

Callouts indicate:

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

Configuring IXG-DM7

This section of the application note shows the required configuration to register the IXG-DM7 entrance station to a compatible VMS using ONVIF® or RTSP. These steps are meant to be followed after the general configuration of the IXG Series system have been completed using the IXG Support Tool. Please refer to the IXG Series Quick Start Guide for more information.

Minimum Requirements

- Station Firmware Version:** 2.0 and above
- IXG Support Tool Version:** 2.3 and above
- Compatible Video Door Stations:** IXG-DM7

The screenshot shows the 'Advanced' settings page with the following configuration:

- View(V):** Advanced
- Network Settings:** Video
- Video Encoder 1:** Frame Rate [fps] 15, I picture interval [H.264/A] 15, Bit Rate [kbps] [H.264/AVC] 1024.
- Video Encoder 2:** Second Video Encoder (Enable), Video Codec (H.264/AVC), Resolution (1280x720(HD)).

Callouts indicate:

- Advanced View:** Select **View(V)** from the top menu bar and click **Advanced**.
- Video Settings:** Expand **Network Settings** from the menu on the left and select **Video**.
- Enable Second Video Encoder:** Use the **Second Video Encoder** drop-down and select **Enable**.
- Update:** Click **Update** to save the changes.

Upload Settings

Once the IXG-DM7-HID has been configured for streaming video, the newly changed settings will need to be uploaded to the station.

The screenshot shows the 'Upload Settings' page with the following configuration:

- Connection(S):** Upload Settings
- Station List:** Select Building Nu (01), Unit Number (101), Station Name (Entrance Station1), Station Type (IXG-DM7(-)), Status (-).
- Select Station by Type:** All
- Select file type to be uploaded:** Settings

Callouts indicate:

- Connection:** Select **Connection(S)** from the top menu bar and click **Upload Settings**.
- Upload Settings:** Select the IXG-DM7-HID from the list of stations and click the **Settings** button.

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