

## **APPLICATION NOTE**

## **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<sup>®</sup> 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<sup>®</sup> and RTSP, as both credentials are required for integration with a VMS client regardless of which method is utilized.



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.

File(F)         Edit(E)         Language(V)         Tools(T)         Help(H)		Station List					List	Select Stations
Create New System	Select	Number	Name	Location	Station Type	Status		Use the drop-down menu under
Select Existing System		0001	Master Station		IX-MV7-*	-		Select Station by Type and
Delete Existing System		0002	Video Station		IX-DV, IX-DVF(-*)	-		chose All, then click Select .
Update Settings							, Ir	
Download Settings From Station								Sottings
Upload Settings To Station								
G Upload SSL Certificate								Click Settings to upload
import Setting File								to each station
IX Support Tool Export System Configuration								
Export to Line Supervision Software								
Exit								
	<							
		ation by Type			Select	Lir	realect	
			· ·		OCIOCI		isono or	
	Select file type to be uploaded							
		Settings		Sou	nds	Sch	edule	

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

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## **APPLICATION NOTE**

#### 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.

AIPHONE TX Sust				Station Information
Category: Video Stations	◆Identification Number • ● Name	0002 Video Station4	3-5 digits 12-4 diplanutseric characters(*1)	Select <b>ID and Password</b> from the menu on the left.
Identification ID and Password Language	Location	(*1)Certain characters may	1-24 alphanmenic characters(*1) / not be displayed correctly on IX-MV and IX-MV7-* due to four	
Time	•ID and Password			ID and Password
Expanded System Network Settings IP Address DXS STP	Uniput password recommended for each station. Set a strong password of att in difficult to guess. Administrators (D + + + Administrator Password + + User ID User Password	odmin123	1-32 alphanumeric characters     1-32 alphanumeric characters     1-32 alphanumeric characters(*1)     1-32 alphanumeric characters(*1)	Enter an ONVIF <sup>®</sup> and RTSP ID and Password.
SIF Nulticast Address Video Audio Packet Prionty: NTP	ONVIF ID ONVIF Password RTSP ID RTSP Password	bdmin1234  admin1234  CHitter ID-ex Star Farm When using Web Sening to	1-32 alphanneric characters     1-32 alphanneric characters     1-32 alphanneric characters     1-32 alphanneric characters     1-33 alphanneric characters     northermarkenare	Click <b>Update</b> 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

View(V) Language(L) Help(H) Basic	Network Settings Video								
Property Manager Settings	Video Encoder 1	Video Encoder 2							
	Frame Rate [fps]	I picture interval [H.264/A	Bit Rate [kbps] [H.264/AVC]	Second Video Encoder		Video Codec	Resolution		
Station Information     Network Settings	15	15	1024	Enable 🗸		H.264/AVC	1280x720(HD)		
IP Address DNS Multicast Address Video 				Enable Disable					
- Packet Priority	Advanced V	iew	Video Settings	Video Settings E			Enable Second Video Encoder		
- NTP - System Information - Call Settings	Select View(V) from the top menu bar and click Advanced.		Expand <b>Network Settin</b> menu on the left and se	ngs from the elect <b>Video</b> .	Use the <b>Second Video Encoder</b> drop-down and select <b>Enable</b> .				
							Click Update to		

**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.

Connection(S) App Integration(C		Station List Required settings.	Connection
Station Search	Select Building Nu Unit Number Station Name Station	e Status	oonnection
- Station Search	01 101 Entrance Station1 IXG-DN	*) -	Select Connection(S) from the top menu
Association Settings			bar and click Upload Settings.
Download Settings			
La Upload Settings			
G Upload SSL Certificate			
🖵 Download Log File			Upload Settings
Station Replacement			Select the IXG-DM7-HID from the list of
	Select Station by Type.		stations and click the <b>Settings</b> button.
	All V Select	Unselect	
	Select file type to be uploaded.		
	Settings Sounds	Images Schedules	

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save the changes.