

IX Series

DW Spectrum®

Platform and Version: Spectrum 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 DW Spectrum[®]. These steps are meant to be followed after the general configuration of the IX Series stations has 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 DW Spectrum[®] client. Special characters may be used when creating an ID and Password with Support Tool Version 8.30 or above.



Support Tool - Setting File Upload

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

					Ctation	Lint
			1	0. r. T	Station	LISL
Select	Number	Name	Location	Station Type	Status	
\checkmark	0001	Master Station		IX-MV7-*	-	
\checkmark	0002	Video Station		IX-DV, IX-DVF(-*)	-	
<						
Select S	tation by Type	e:				
All		~		Select	Un	select
Select file	type to be uplo	aded	_			
	Settings			Sounds		Schedule

For more details about the features and information above, please contact Technical Support. Aiphone Corporation | www.aiphone.com | (800) 692-0200

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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 the door station count is low. Aiphone does not recommend this method for systems with more than two door stations or systems initially programmed using the IX Support Tool.

	AIPHONE IX Syste Category: Video Stations	em Setting Station Type: IX-DV, IX-DVF(-*)		
AIPHONE IX System	Station Information Identification ID and Password Language Time			
Enter ID and password ID: admin123	Expanded System Network Settings IPAddress DNS SIP Multicast Address Video	•Identification Number • • Name Location	0002 Video Station4	3-5 digits 1-24 alphanumeric characters(*1) 1-24 alphanumeric characters(*1)
Password: Co	Audio Packet Priority NTP System Information Custom Sound Registry	•ID and Password Unique password recommu	(*1).Kertaun characters may not	e asplayed correctly on IX-MV and IX-MV /-* due to Jont
J	Call Settings Station Settings Called Stations (for Door) Call Origination Incoming Call Option Input / Relay	Set a strong password that Administrator ID + ♠ Administrator Passwo User ID User Password	is difficult to guess. admin123 vord ◆ ◆	1-32 alphanumeric characters 1-32 alphanumeric characters 1-32 alphanumeric characters(*1) 1-32 alphanumeric characters(*1) 1-32 alphanumeric characters(*1)
	Output Settings Option Input Relay Output Function Settings Paging Settings	ONVIF ID ONVIF Password RTSP ID	6dmin1234 	1-32 alphanumeric characters 1-32 alphanumeric characters 1-32 alphanumeric characters
	Email CGI SIE Record	K15P Password	(*1)User ID or User Password When using Web Setting tool w	an Deen set. it user account, be sure to set User ID and User Password.
	Station Informat Select ID and Passy the menu on the left	ion word from	ID and Password Enter an ONVIF [®] and RTSP ID and Password.	Click Update to save the changes.

Adding a Door Station

When logging into the Spectrum client, 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 the software is unable to find the IX Series stations, they can be added manually by following the steps in this section.

New Layout*	× + ~	Known Address	Subnet Scan					Add Device
▲ Test ▲ admin		Address 😮	192.168.1.13		Login aip ł	hone		Right click the server and select Add Device
Server DESKT Usb_cam-li Web Pages Usora	Monitor Monitor in New Tab	Port Search	10080 💭 🗆 Defaul		Password •••		0	
Local Files	Monitor in New Window	Brand 🖃	Model	Address		1 device total, 1 new		Address
C	Add Device Cameras List by Server Server Logs Server Web Page Server Settings	aiphone	IXG-DM7	http://192.168.1.13:1008	0/onvif/device_s			Enter the IP Address of the IX Series door station to be added. ID and Password Enter the ONVIF® ID and
		Add all Devic	16					Password created on page 1. Add All Devices Select the check box next to the station and click Add all Devices.



Verify ONVIF[®] and RTSP Credentials

The Spectrum Client will assume the ONVIF[®] and RTSP credentials are set to default. Due to security requirements, this has to be changed to match the ONVIF[®] and RTSP credentials created on page 1.



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**.

General Recording Motion Fisheye Expert	
Do not change these settings unless you are absolutely s	
Camera Settings	Archive
Keep camera stream and profile settings	Do not archive primary stream
Calculate bitrate per GOP instead of bitrate per second	Do not archive secondary stream
Secondary Stream	Media Streaming
Disable secondary stream	RTP transport Auto ~
Motion Detection	
Force motion detection for stream	Trust camera timestamp
	Logical ID 📀
	0 🗘 Generate Reset
	OK Apply Cancel

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