

# **APPLICATION NOTE**

# **IX Series**

# Avigilon<sup>™</sup> ACC7<sup>®</sup> Integration

Platform and Version: Avigilon ACC7 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 Avigilon<sup>™</sup> ACC7. 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 ACC7 client. Special characters may be used when creating an ID and Password with Support Tool Version 8.30 or above.

Table Vie <del>w</del>	Ro Enter Numb	OW Number per of Notes:3	Previous	Next Dis	play mmended for each	statior	n.									
			2. Set a strong password that is difficult to guess.													
Station View		Station Information				St	Station Information									
		Identification				ID	) and Password									
Station Information	#										011/15/15	010/05 0				
Identification		Number	Name	Location	Station Type	Ac	dministrator ID	Administrator Password	User ID ▲	User Password	ONVIE ID	ONVIF Password	RISPID	RTSP Password		
ID and Password	0001	0001	Master Station		IX-MV7-*	ad	dmin123	*******								
Expanded System	0002	0002	Video Station		IX-DV, IX-DVF(-*)	a	dmin123	*******			aiphone	******	aiphone	******		
							DTOD									
			J and Pa	SSWO	ra		RISPID and Password									
	Enter an ID and Password.						Enter the for the ON	same ID and Pas IVIF ID and Pass	used			Click <b>(</b> save th	Jpdate to te 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	
	0001	Master Station		IX-MV7-*	-	
$\checkmark$	0002	Video Station		IX-DV, IX-DVF(-*)	-	
<						
Select St	ation by Type					
All		~		Select	Un	select
Select file	type to be uploa	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

# **2** AIPHONE

## 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 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 System Category: Video Stations State	n Setting			
AIPHONE IX System	Station Information Identification ID and Password Language Time From del System				
	Network Settings	•Identification			
Enter ID and password ID: admin123 Password: Cogin	DNS SIP Multicast Address Video Audio Packet Priority NTP	Number • ▲ Name Location	0002 Video Stati	3-5 digits on4 1-24 alph 1-24 alph 1-24 alph )Certain characters may not be display	anumeric characters(*1) anumeric characters(*1) ed correctly on IX-MV and IX-MV7-* due to font
	System Information	•ID and Password			
	Call Settings	Unique password recommen Set a strong password that is	ded for each station. difficult to guess.		
	Station Settings Called Stations (for Door) Call Origination	Administrator ID • • Administrator Passwor	d ◆ ♠		1-32 alphanumeric characters 1-32 alphanumeric characters
	Incoming Call	User ID			1-32 alphanumeric characters(*1)
	Option Input / Relay Output Settings	User Password			1-32 alphanumeric characters(*1)
	Option Input Relay Output	ONVIF ID ONVIE Password	admin1234		1-32 alphanumeric characters 1-32 alphanumeric characters
	Function Settings Paging Settings	RTSP ID	admin1234		1-32 alphanumeric characters
	Email CGI	RTSP Password		)User ID or User Password has not bee	1-32 alphanumeric characters n set.
	SIF Record		W	en using Web Setting tool with user ac	count, be sure to set User ID and User Password.
	Station Informatio	on	ID and Password	ł	Click Update to
	Select ID and Passwo the menu on the left.	ord from	Enter an ONVIF and ID and Password.	I RTSP	save the changes.

### **ONVIF®** Registration

Open the client software to register the IX Series stations and follow the steps below for ONVIF® registration.

Site Login View 1 Connect/Disconnect	Devices Setup x +					<mark>2</mark> • ¢• - ø×								
Search	DESKTOP-J4Q	ICB3												
					Find Device Show	All Secure -	er Search							
General					Discovered Devices									
					-i-b	Name			IP Address	Type	Model	Model MAC Address		
	General	Users and Groups	Security	Alarm	alphone s					aprione (Orivir)		0000044421217	,	
	El Rules	Backup Settings	Restore Settings											
					Connected Devices									
	Other					Name		IP Address		Model	MAC Address	Status	Netwo	
	Site View Editor	Hanage Site	Connect/Disconnect Devices	Access Co	Front Door			192.168.1.160	aiphone (ONVIF)		00:08:AA:0A:00:00	X Not Present	LAN	
							Siphone IX-DV	•	Firmw IP Add MAC /	are Version: 5.70 Iress: 10.00.40 Address: 00:08:AA:27:21:F9				
							Device is Disc A This device is r	connected not connected to a server.	Any events or images are	tion: Unknown				
							not being reco	яаea.		Connect Replace				
Connecting De	vices				Connee	cting the Do	oor Stat	tion	ID	and Pas	sword			
Login to the ACC7 server and proceed to the site					Select the door station to be added to			The ACC7 server will attempt to						
setup. Click Connect/Disconnect Devices					the ACC7 server and click <b>Connect</b> .			connect and prompt for an ID and						
								-	Pas	sword. Ente	r the ONVIF	<sup>®</sup> ID and		
									Pas	sword crea	ited in Suppo	ort Tool		
L					L				1 103	onoia olea	isa in ouppo			

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

# **CAIPHONE**

## **RTSP Registration**

If the video door station is not showing up in the Discovered Devices list, the camera may be in a different broadcast domain. In this case RTSP can be used to connect the camera by selecting **Find Device** but, ONVIF<sup>®</sup> functions will be lost.

Site Login View 1 Connect/Disconnect Devices × Connect/	in View 1 Connect/Disconnect Devices × Connect/Disconnect Devices					<mark>7</mark> • ¢• -	ø ×
Find Device Show All Servers - Uninitialized devices Search							
Discovered Devices							
		IP Address			Model	MAC Address	
alphne		10.0.0.40		aiphone (ONVIF)		00:08:AA:27:21:F9	
	Find Device						
	Search From Server:	Avigilon7					
	Search Type:	IP Address	•				
Connected Devices	Device Type:	Generic RTSP	-				
Name	Stream URL:	<u> </u>		Model	MAC Address	Status	Netwo
Aviginat		ОК	Cancel				
<b>¥ ajbon</b> e spitore() ▲ Discásei Bioc A Discásei and bioc	sphone (ONUF) (S-DW sphone (ONUF) (S-DW Overeted to a server. Any (     This device is not connected to a server. Any (     This device is not connected to a server. Any (						

#### **Connecting the Door Station**

Select Find Device and set the device type to Generic RTSP.

#### Stream URL:

rtsp://username:password@ip address/udp/unicast/aiphone\_H264 rtsp://username:password@ip address/udp/unicast/aiphone\_JPEG