

Qumulex® QxControl™ Integration

Introduction

IX and IXG Series video door stations can use ONVIF® to stream video to Qumulex's® QxControl™ service. This guide covers the integration, including what needs to be configured in IX or IXG Support Tool and what needs to be configured in QxControl. This integration requires a physical Qumulex gateway, either as the endpoint or to connect with Qumulex's cloud service.

These instructions assume that the appropriate Support Tool has been installed and basic programming is complete. If that is not the case, refer to these resources:

IX Support Tool: <https://www.aiphone.com/IX-SupportTool>

IX QuickStart Guide: <https://www.aiphone.com/IX-Series-QuickStartProgrammingGuide>

IXG Support Tool: <https://www.aiphone.com/IXG-SupportTool>

IXG QuickStart Guide: <https://www.aiphone.com/IXG-Series-QuickStartGuide>

Support Tool Navigation

There are two main sections in IX or IXG Support Tool: the top menu and the left menu. These menus will have a main directory, followed by a subdirectory. **The tools will generally match each other; any differences will be noted.**

Instructions pointing to the top menu will be in the format of *Italics, Underlined*. Example: *Connection(S), Upload Settings*.

Instructions pointing to the left menu will be in the format **Underlined**. Example: **Call Settings, Incoming Call**.

Buttons or settings that need to be clicked will be marked with an orange pointer. If multiple items need to be clicked in the same screenshot, they will be marked with numbers to show the proper order. Important items will be marked with an orange box.

There is a **Save** button in the top left of IXG Support Tool, which is labeled **Update** in IX Support Tool, or some international editions of IXG Support Tool. Clicking this saves the settings locally, but these are not pushed to the stations until they are uploaded.

Support Tool Instructions

In IXG Support Tool, navigate to **Station Information, ID and Password**. For each station that will stream video to QXControl, set credentials under **ONVIF ID, ONVIF Password, RTSP ID, and RTSP Password**. These can be whatever is appropriate for the site. Once everything is filled out, click **Save** or **Update**. Make note of the credentials for later.

Building Nu	Unit Number	Station Name	Station Information								
			ID / Password								
			ID(Administrator)	Password(Admin)	User ID	User Password	ONVIF ID	ONVIF Password	RTSP ID	RTSP Password	
01	100	Entrance Station1	sample	*****				aiphone	*****	aiphone	*****
01	200	Guard Station1	sample	*****							
01	300	Master Station1	sample	*****							
01	301	Master Station1	sample	*****							
01	400	Video Door Station1	sample	*****				aiphone	*****	aiphone	*****



Support Tool Instructions *(continued)*

Navigate to **Network Settings**, IP Address. Make note of the IP addresses for each station to be integrated.

Unit Number	Station Name	Hostname	IP Version	Static / DHCP	IPv4 Address							
					IP Address				Subnet Mask			
					1	2	3	4	1	2	3	4
100	Entrance Station1		IPv4	Static	192	168	1	10	255	255	255	0
200	Guard Station1		IPv4	Static	192	168	1	11	255	255	255	0
300	Master Station1		IPv4	Static	192	168	1	12	255	255	255	0
301	Master Station1		IPv4	Static	192	168	1	17	255	255	255	0
400	Video Door Station1		IPv4	Static	192	168	1	13	255	255	255	0

To upload the settings, navigate to *Connection(S)*, Upload Settings in IXG Support Tool, or *File(F)*, Upload Settings to Station in IX Support Tool. Click **Select** with **Select Station by Type** set to **All**, and then click **Settings**. The upload process will begin. This may take several minutes.

Setting File Upload

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

Station List					
Select	Building Nu	Unit Number	Station Name	Station Type	Status
<input checked="" type="checkbox"/>	01	114	Handset Sub Station1 IX-RS-*	-	-
<input checked="" type="checkbox"/>	01	114	Master Station2 IX-MV7-*	-	-
<input checked="" type="checkbox"/>	01	115	Video Door Station1 IX-DV,IX-DVF(-*)	-	-
<input checked="" type="checkbox"/>	01	116	Tenant Station1 IXG-2C7(-*)	-	-
<input checked="" type="checkbox"/>	01	144	Entrance Station1 IXG-DM7(-*)	-	-
<input checked="" type="checkbox"/>	01	1000	Video Door Station1 IX-DV,IX-DVF(-*)	-	-
<input checked="" type="checkbox"/>			Gateway Adaptor1 IXGW-(T)GW	-	-
<input checked="" type="checkbox"/>			I/O Adaptor1/4.5.6 IXW-MA	-	-

Select Station by Type.

All

Select

Unselect

Select file type to be uploaded.

Settings

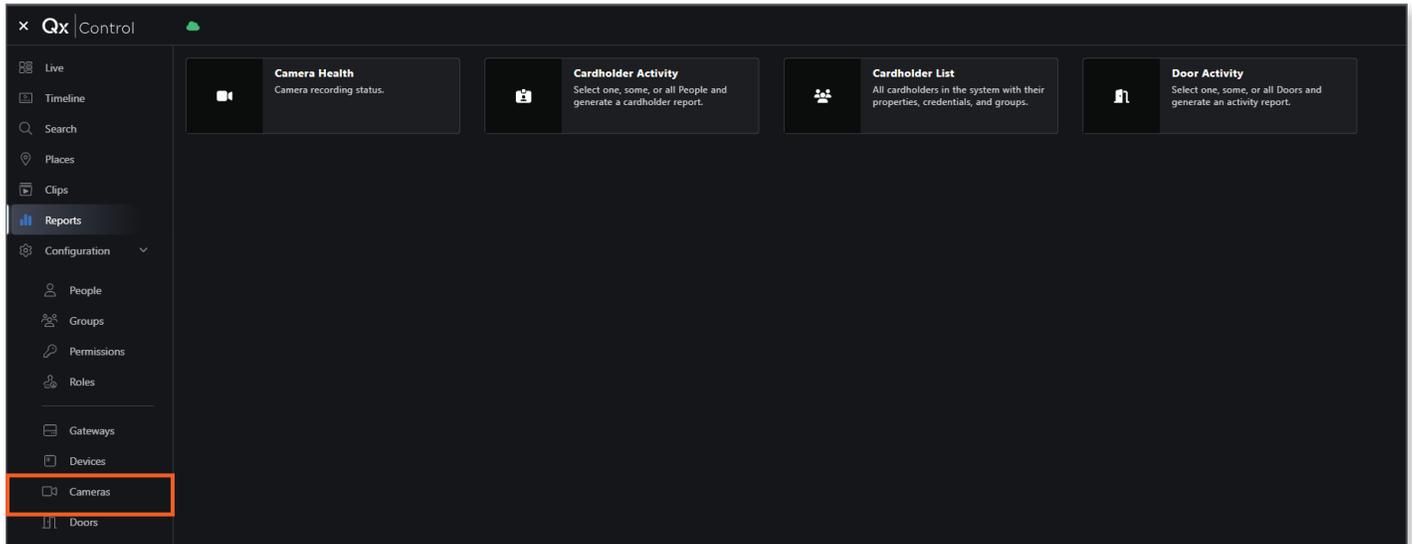
Sounds

Images

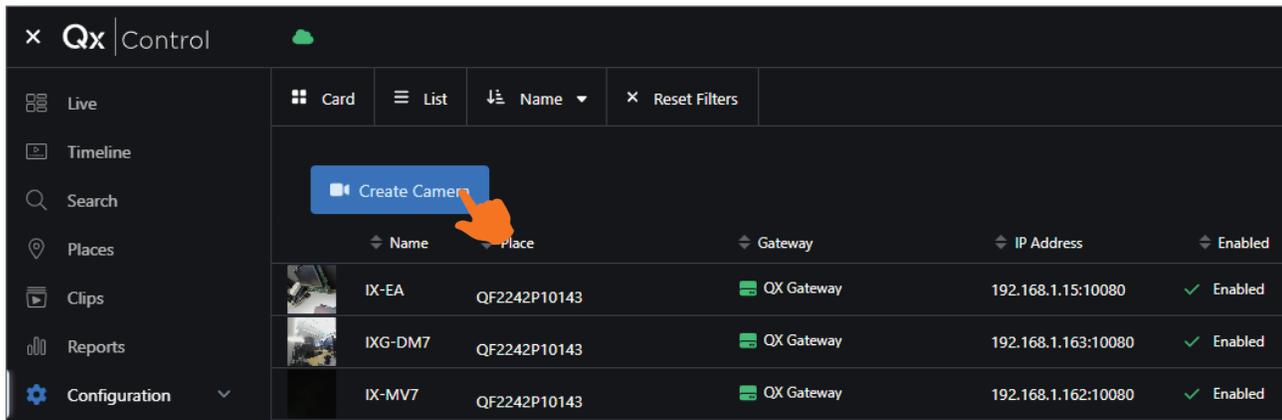
Schedules

QxControl™ Instructions

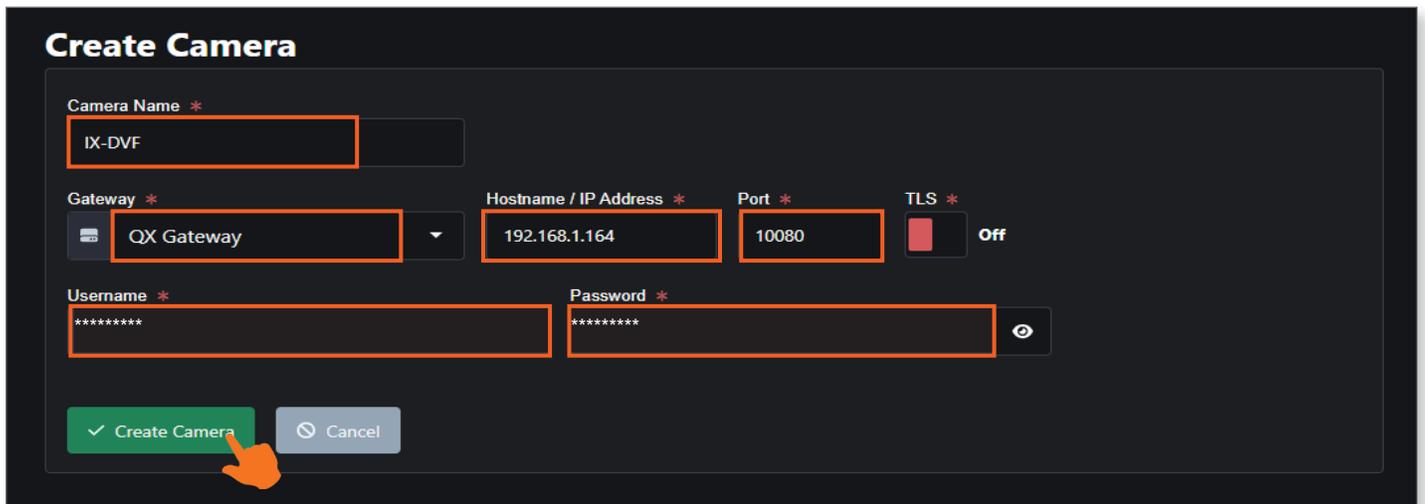
Navigate to <https://www.qumulex.com> and log in with the account credentials for the site. Navigate to **Configuration**, Cameras on the left menu.



Click **Create Camera**.

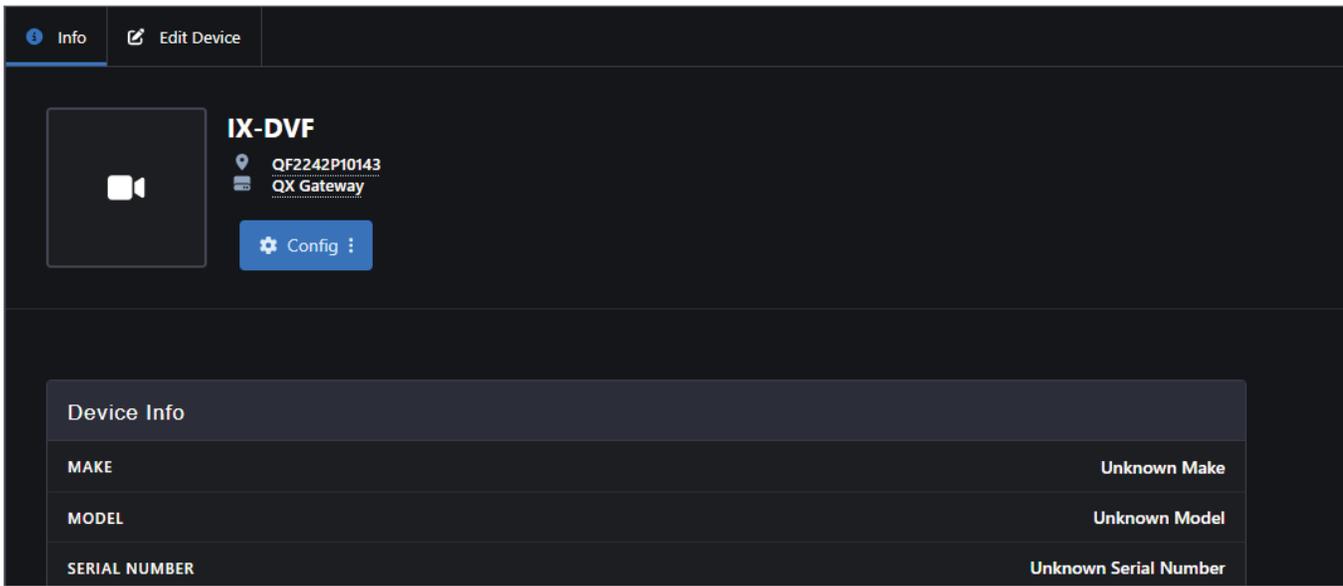


Enter a **Camera Name**, which should match the name in Support Tool for simplicity. Select the Qumulex **Gateway** being used from the drop-down menu. Enter the **IP Address** of the station. Change the **Port** to 10080, and leave **TLS** set to off. Enter the ONVIF ID and password created in Support Tool under **Username** and **Password**. Once everything is filled out, click **Create Camera**.



QxControl™ Instructions (continued)

A status screen for the new camera will appear, then a pop-up will appear in the bottom right showing that the camera was added successfully.



IX-DVF

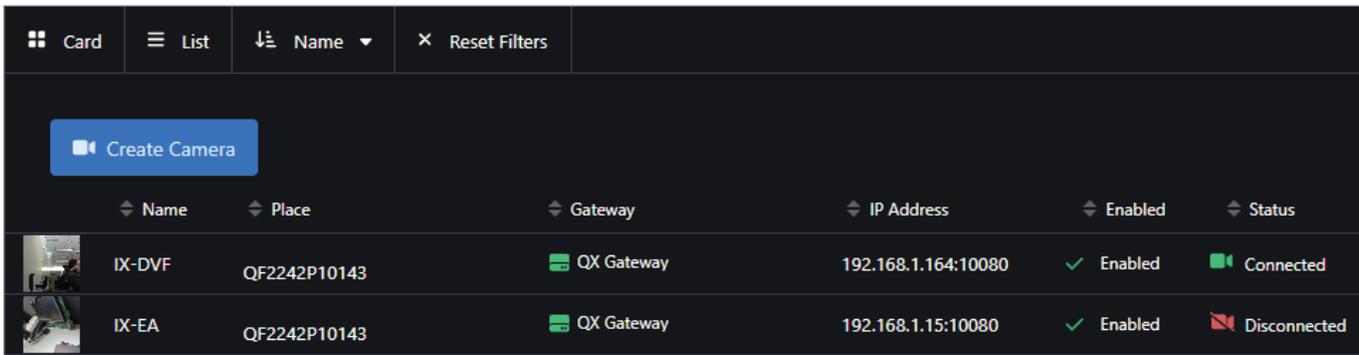
QF2242P10143
QX Gateway

Config

Device Info	
MAKE	Unknown Make
MODEL	Unknown Model
SERIAL NUMBER	Unknown Serial Number

Successfully created device. Cameras will not show in camera list until QxControl successfully connects to the device. IP address or username/password errors will prevent that.

The newly added camera will appear in the list under **Configuration, Cameras**. This will include a thumbnail showing the station's video feed and the station's status.



Card List Name Reset Filters

Create Camera

Name	Place	Gateway	IP Address	Enabled	Status
 IX-DVF	QF2242P10143	 QX Gateway	192.168.1.164:10080	 Enabled	 Connected
 IX-EA	QF2242P10143	 QX Gateway	192.168.1.15:10080	 Enabled	 Disconnected

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

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