iVSEC

INTELLIGENT VIDEO SECURITY

IVSEC Recorder Integration with Control 4

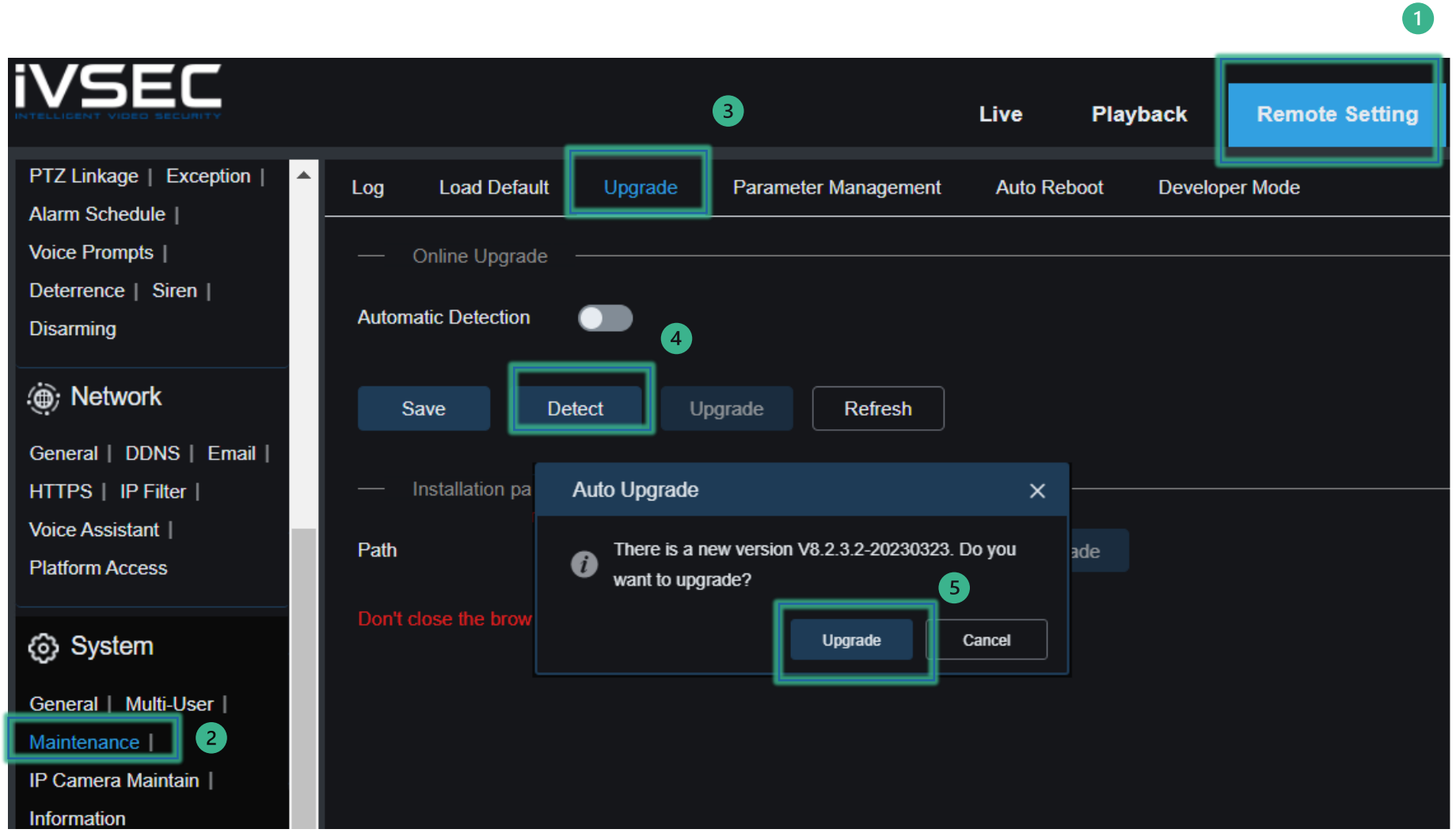
ABOUT THIS DOCUMENT

This document details how to add snapshot and rtsp strings to view IVSEC cameras on a Control 4 system

CHECK FOR FIRMWARE UPDATE (USING WEB BROWSER)

Login to the IVSEC recorder via Web browser using the recorder's IP address.

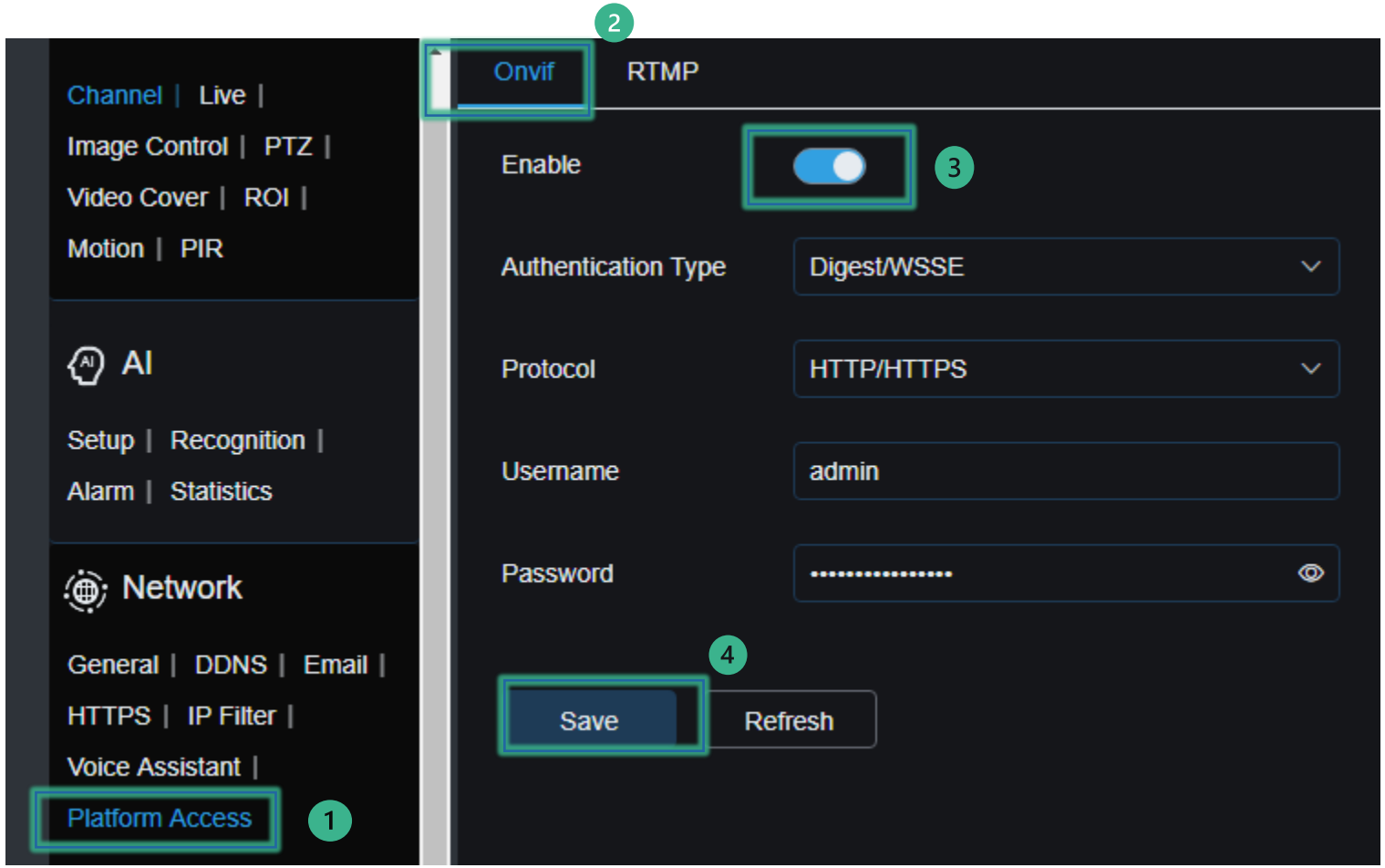
1. Click **Remote Setting**
2. Click **Maintenance** (located under the **System** menu)
3. Click **Upgrade**
4. Click **Detect**
5. If a new firmware version is available a message will appear. Click Upgrade. If prompted, enter your recorder password. The upgrade will take approx. 5 minutes. **DO NOT** power off the recorder during this process



ENABLING ONVIF PROTOCOL ON IVSEC RECORDER

Login to the IVSEC recorder via Web browser using the recorder's IP address. Click **Remote Setting**

1. Click **Platform Access** (located under the Network menu)
2. Click **Onvif** tab (located under the Channel menu)
3. Set to enabled
4. - Authentication Type : **Digest/WSSE**
   - Protocol : **HTTP/HTTPS**
   - Username : **admin**
   - Password : same as admin account for the NVR
   - Click "**Save**"



IVSEC SNAPSHOT AND RTSP STRINGS

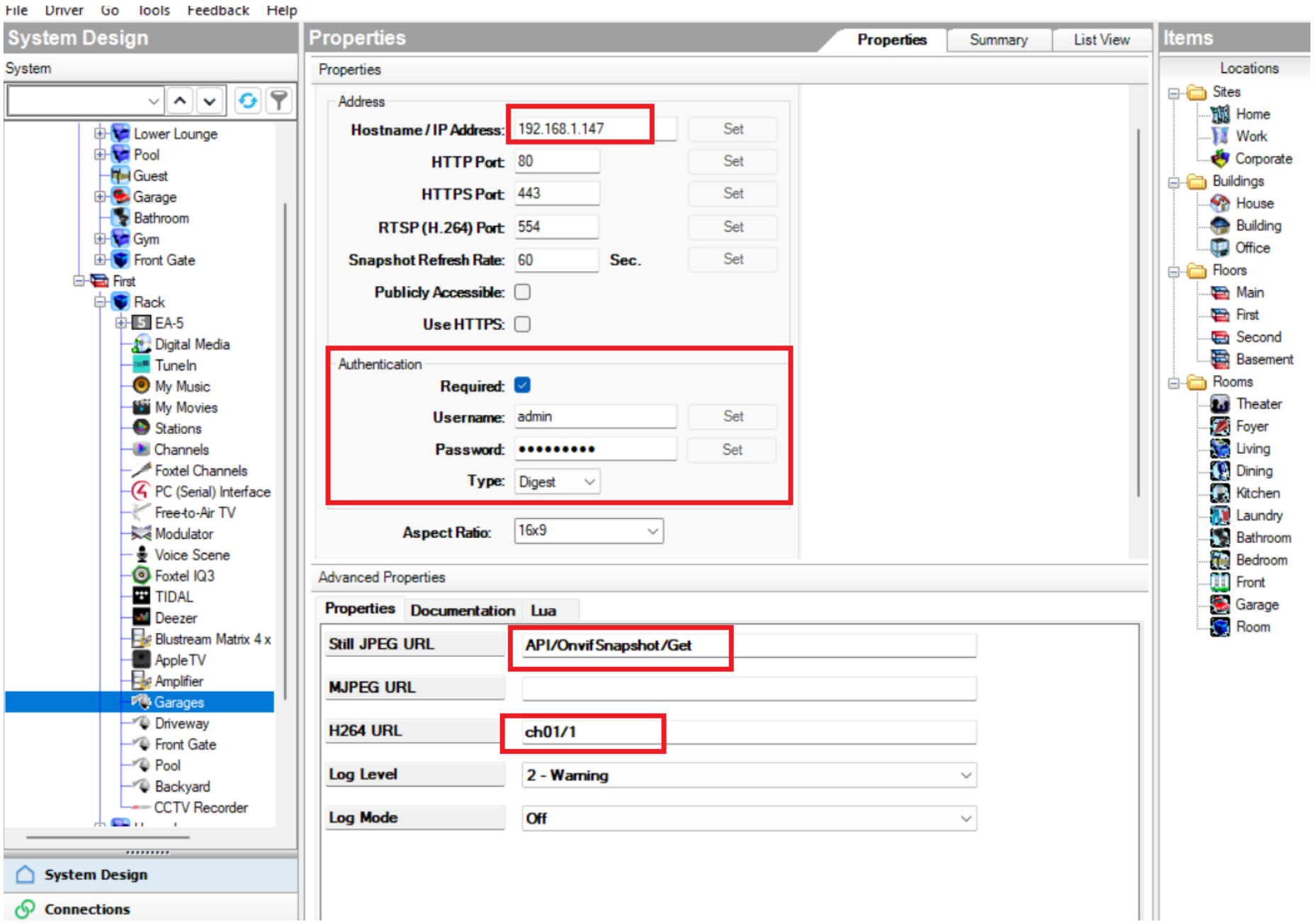
Use the Control 4 System Design and enter the details depending on if you are using an IVSEC recorder with cameras or IVSEC cameras without a recorder

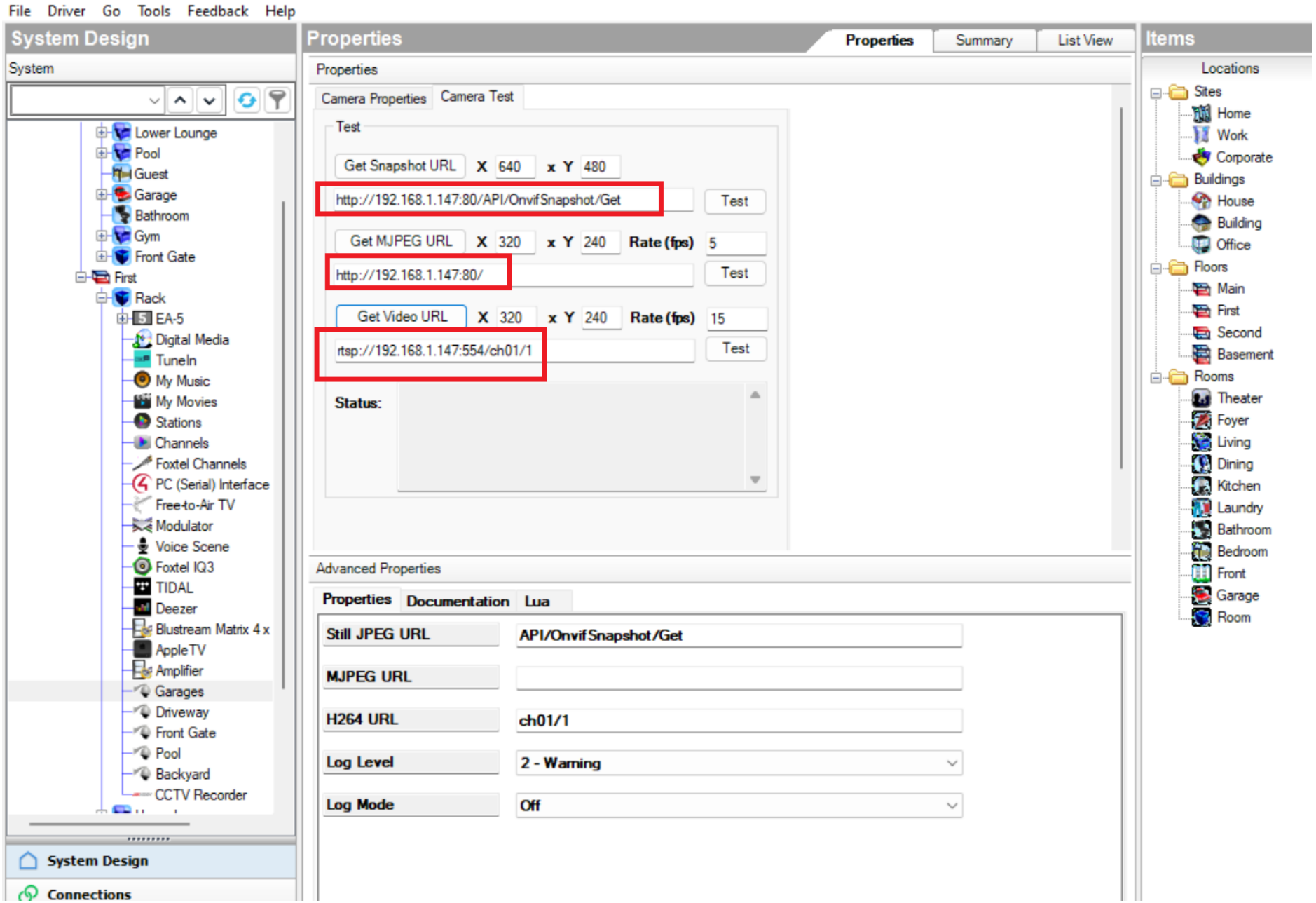
IVSEC NVR Snapshot String
http://NVRIPADDRESS:80/onvif/snapshot?channel=x
NOTE: channel=x (x = 1, 2, 3, 4 based on camera channel number in NVR)

IVSEC NVR RTSP string
rtsp://NVRIPADDRESS:80/rtsp/streaming?channel=01&subtype=1
NOTE: channel=0x (0x = 01, 02, 03, 04 based on camera channel number in NVR)

IVSEC Camera Snapshot String
http://CAMERAIPADDRESS:80/API/OnvifSnapshot/Get

IVSEC Camera RTSP String
rtsp://CAMERAIPADDRESS:554/ch01/1


File Driver Go Tools Feedback Help
System Design
System
Lower Lounge
Pool
Guest
Garage
Bathroom
Gym
Front Gate
First
Rack
EA-5
Digital Media
TuneIn
My Music
My Movies
Stations
Channels
Foxtel Channels
PC (Serial) Interface
Free-to-Air TV
Modulator
Voice Scene
Foxtel IQ3
TIDAL
Deezer
Blustream Matrix 4 x
AppleTV
Amplifier
Garages
Driveway
Front Gate
Pool
Backyard
CCTV Recorder
System Design
Connections
Properties
Properties
Summary
List View
Properties
Address
Hostname / IP Address: 192.168.1.147 Set
HTTP Port: 80 Set
HTTPS Port: 443 Set
RTSP (H.264) Port: 554 Set
Snapshot Refresh Rate: 60 Sec. Set
Publicly Accessible:
Use HTTPS:
Authentication
Required:
Username: admin Set
Password: ••••••••• Set
Type: Digest
Aspect Ratio: 16x9
Advanced Properties
Properties
Documentation
Lua
Still JPEG URL API/Onvif Snapshot/Get
MJPEG URL
H264 URL ch01/1
Log Level 2 - Warning
Log Mode Off
Items
Locations
Sites
Home
Work
Corporate
Buildings
House
Building
Office
Floors
Main
First
Second
Basement
Rooms
Theater
Foyer
Living
Dining
Kitchen
Laundry
Bathroom
Bedroom
Front
Garage
Room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Driveway
Front Gate
Pool
Backyard
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Properties
Properties
Summary
List View
Properties
Camera Properties
Camera Test
Test
Get Snapshot URL
X 640
x Y 480
http://192.168.1.147:80/API/OnvifSnapshot/Get
Test
Get MJPEG URL
X 320
x Y 240
Rate (fps) 5
http://192.168.1.147:80/
Test
Get Video URL
X 320
x Y 240
Rate (fps) 15
rtsp://192.168.1.147:554/ch01/1
Test
Status:
Advanced Properties
Properties
Documentation
Lua
Still JPEG URL
API/OnvifSnapshot/Get
MJPEG URL
H264 URL
ch01/1
Log Level
2 - Warning
Log Mode
Off
Items
Locations
Sites
Home
Work
Corporate
Buildings
House
Building
Office
Floors
Main
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