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# Fusion: Adding CVP and Luma NVRs to ClareOne and CLIQ ClareHome Projects

Last modified: 08/20/20

## Introduction

Cameras connected to ClareVision Plus (CVP) and Luma NVRs can be viewed through the ClareHome app by adding them to your ClareOne or Cliq ClareHome project. Currently NVRs must be added through legacy Fusion. This document walks you through that process.

Terms

- **Device**: A device is a single hardware entity/interface to which the ClareHome account will be able to connect and interact.
- **Channel**: This defines the port to which a camera is connected on an NVR. For example, port 1 = channel 1, etc.

## Adding the NVR

When adding the NVR (CVP or Luma) a single device must be added/created for each camera connected to the NVR. Follow the steps below to add devices for each channel in use on the NVR.

To add the NVR in Fusion:

1. Access the project in FusionPro, and then click the **Legacy Fusion** button.

< Back to Accounts					Legacy Fu:	sion
34 B Avenue						_
Dealer: Clare	System Stati	us: 🔵 Online 🛛 Service Pla	n: Interactive Plus LTE UU	ID: 58:67:		
< Summary	Customer Info	Service Plans	Devices	Actions	Test	>
<b>1</b> Devices	1 Online	<b>O</b> Actions		Interactive Plus	Enrolled: 08/20/2020	
	+ Add Device		+ Add Action		Update Plan	

The Fusion Sign In page displays.

	Fusion Configuration & Troubleshooting Tool
Email: Password:	
	Login

2. Enter your Fusion credentials, and then click **Login**.

The project accessed in FusionPro is displayed by default.

Select the **Devices** tab, and then tap the **Plus** icon Select to add a new device.
The Select Template dialog displays.

Select Template	$\otimes$
Device Templates	
type filter text	
> 🖬 Access	
E CCTV	
🕨 📶 Climate	
> 🛅 Entertainment IP Devices	
🕨 🧰 Entertainment IR	
🕨 📃 Entertainment IR Devices	
Entertainment Serial Devices	
🕨 属 Fireplace	=
Lighting	
🕨 🗾 Music	
> 💽 Pool	
> 🔊 Power	
Screens	
> 🔒 Security	
Sensors	
> 🧮 Shades	
> H Shutters	Ŧ
Communication Method: Other	V
ОК Са	ncel

4. Enter the name of the NVR in the search bar (Clare or Luma).

C Select Template	$\otimes$	Select Template
Device Templates		Device Templates
Clare	a.	Luma
A CCTV	<b>A</b>	⊿ ∎∢ CCTV
a 📑 DVR/NVR	_	A CVR/NVR
Clare Vision 16 Channel NVR	-	🔜 Luma 4/8/16 Channel NVR
Clare Vision 32 Channel NVR		🛛 🔤 IP Cameras
Clare Vision 4 Channel NVR		Luma IP Camera
Clare Vision 64 Channel NVR		🖌 🧰 Entertainment IR Devices
Clare Vision 8 Channel NVR		🖌 📺 Cable/Sat Tuner
🛛 📑 IP Cameras		Lumax - Set Top Box - DV 2100C Satellite Receiver
Clare Controls - B Series Models		📺 Lumax - Set Top Box - DV 698 Satellite Receiver
Clare Controls - M Series Models		🛛 🎆 Video Processor
📑 Clare Controls - Non-PTZ Models		Lumagen - All Models
Clare Controls - P Series Models		
Clare Controls - PTZ Models		
Clare Controls II		
ClareVision - "Mainline Series" non-PTZ and PTZ (IP)		
🛛 🚾 Climate		
/ D Thermostate	<b>V</b>	
	V	Communication Method: Other
OK		OK Canad
OK Cance		OK Cancel

– or –

### Expand CCTV, DVR/NVR, and then select the desired NVR.

Select Template (	Select Template
Device Templates	Device Templates
type filter text	type filter text
Access	Access
A CCTV	A CCTV
A a DVR/NVR	A BA DVR/NVR
ClareVision 16 Channel NVR (IP)	ClareVision 16 Channel NVR (IP)
ClareVision 32 Channel NVR (IP)	ClareVision 32 Channel NVR (IP)
ClareVision 4 Channel NVR (IP)	ClareVision 4 Channel NVR (IP)
ClareVision 64 Channel NVR (IP)	ClareVision 64 Channel NVR (IP)
ClareVision 8 Channel NVR (IP)	ClareVision 8 Channel NVR (IP)
Luma 4/8/16 Channel NVR	Luma 4/8/16 Channel NVR
🕨 📑 IP Cameras	▶ ■ IP Cameras
> 78° Climate	> 76 Climate
Entertainment IP Devices	Entertainment IP Devices
Entertainment IR Devices	Entertainment IR Devices
Entertainment Serial Devices	Entertainment Serial Devices
🕨 📥 Fireplace	> 📥 Fireplace
Eighting	▶ Ighting
> 🔁 Music	Music V
Communication Method: Other	Communication Method: Other
OK Cancel	OK Cancel

#### 5. Click **Ok**.

The NVR details display.

*ClareVision 16 0	Channel NVR (IP) (device) 🛛 🗖	3
Details Configure	Test Troubleshooting	
Icon:	<b>a</b> 4	1
Name:	ClareVision 16 Channel NVR Ch 1	
Manufacturer:	Clare Controls	
Model Number:	CV-M16810-04, CV-M161620-04	
Master Template:	ClareVision 16 Channel NVR (IP) Change Device Template	
Types:	DVR/NVR	
Notes:	Device must be created for each individual camera channel on the NVR	
Version:	2.0.2	
Last Modified	2017/07/07 13:24	

6. Enter a name for the device, and then tap the **Configure** tab.

**Note:** We recommend using the channel/port number and the name of the camera for the device name. For example, "NVR Ch 1 – Driveway."

7. Configure the NVR's details.

address: The NVR's IP address.

nvr.channel: The NVR channel being added.

**password**: The NVR's set password.

**user**: The NVR's set user.

*ClareVision 16 Chann	nel NVR (IP) (device) 🔀					
				🗄 🔛 🗟 🔂		
etails Configure Test	Troubleshooting					
Configuration Prope	rties			v 😳 🖨		
Name	Value	Mandatory	Description			
General						
address	192.10.100.1	no	Address of the can	nera. The value of this property should c		
camera.type	ip	no	Type of camera. May be IP or USB.			
driver	Clare Controls(ClareVis	no	Represents the driver info needed to create a camera. The			
nvr.channel	1	no	NVR Channel Id			
password	PASSWORD	no	User password of t	he camera.		
rtsp.port	8554	no	RTSP port of the ca	amera.		
user	clareadmin	no	User of the camera	3.		

8. Click the Save and Close icon .

The Service info popup displays.

Create Service				(
Service Name:				
ClareVision 16 Chan	nel NVR Ch 2			
		OK	Cancel	Open Wizard

9. Tap **OK**.

The service for the NVR channel is automatically created.

10. Repeat steps 1 through 7 for each additional NVR channel.

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– or –
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Clone the NVR channel.

- a. Access the **Devices** tab.
- b. Right click the added NVR channel, and then click **Clone Device**.

Setup 🖃 Devices	😟 Services 🎬	Scenes 🕎 Rules 🖏	Z-Wave 🔣 Troub	leshooting			- 8
					S 🔾 🖨	16 🐁 🕚	9
Filter:			E				
Control Type	N	ame			Areas	Stat	us
Access	S	ensor Connect S2				Not	init 🔺
Access	S	ensor Host S1				Not	init 🔳
Access	S	ensor Host S2				Not	init
	c	lareVision 16 Channel	NVR Ch 1	New	Device	Mat	init
CCTV	C	lareVision CV-M4B20-0	DI	Imp Imp	ort Devices		nit
Climate	c	lare Controls Z-Wave 1	hermostat		Dynamic Ciliuren		nit
Climate	C	lare Thermostat		Clon	e Device		nit
Climate	н	oneywell - WiFi Therm	ostats (IP) (devic	Contraction	te Device		nit
•		III		Con	trol Selected Online	Device	
ClareVision 16 Cha	annel NVR Ch 1 🖇	3		😋 Refr	esh		- 8
Service Info						88	3 5
Name: Cla	areVision 16 Char	nel NVR Ch 1					
Start Sequence: Not	Available						
Start Sequence, Not							
Stop Sequence: Not	Available						
Notes:							
•							Þ

#### The Device Details display.

■ ClareVision 16 C	thannel NVR Ch 1 ev *ClareVision 16 Channel NVR Ch 1 (Copy) 83	- 0
		æ
Details Configure	Test Troubleshooting	
Icon:	<b>a</b> 4	
Name:	ClareVision 16 Channel NVR Ch 1 (Copy)	
Manufacturer:	Clare Controls	
Model Number:	CV-M16810-04, CV-M161620-04	
Master Template:	ClareVision 16 Channel NVR (IP) Change Device Template	
Types:	DVR/NVR	
Notes:	Device must be created for each individual camera channel on the NVR	
Version:	2.0.2	
Last Modified	2020/06/02 15:18	

- c. Modify the name as desired, and then click the **Configure** tab.
- d. Update the nvr.channel number.

*ClareVision 16	5 Channe	l NVR (IP) (device) 🛛			
Details Configure	e Test 1	roubleshooting			
Configuration	Propert	ies			v 😳 🖨
Name		Value	Mandatory	Description	
General					
address		192.10.100.1	no	Address of the cam	nera. The value of this property should c
camera.ty	/pe	ip	no	Type of camera. M	ay be IP or USB.
driver		Clare Controls(ClareVis	no	Represents the driv	ver info needed to create a camera. The
nvr.chann	iel	1	no	NVR Channel Id	
password		PASSWORD	no	User password of t	he camera.
rtsp.port		8554	no	RTSP port of the ca	amera.
user		clareadmin	no	User of the camera	3.

e. Click the Save and Close icon .

The Service pop-up displays.

Create Service					$\otimes$
Service Name:					
ClareVision 16 Channe	I NVR Ch 2				
		OK	Cancel	Open Wizar	ď

- f. Click **OK**.
- g. Repeat steps a through g for each additional NVR channel.

11. Deploy the project.

The NVRs are now accessible in the ClareHome app and in FusionPro.

To add a CVP or Luma camera to the ClareOne panel using FusionPro, see *FusionPro Adding a CVP or Luma Camera to the ClareOne Panel Technical Bulletin* (DOC ID 1967).

## Accessing the NVR

Once the NVR is added to the project, it can be viewed through the ClareHome app.

To add and view the NVR from the Favorites page:

1. Access the ClareHome app, and then tap the desired blank tile.



2. Tap + Add Device.

3. Select the category (CCTV), and then tap + Add next to the NVR.



A snapshot from the NVR stream displays on the Favorites tile.



4. Tap the tile to view the live NVR stream.



To view the NRV's current stream from Devices:

**Note**: This process allows a user to view their NVR stream and not have the device set as a tile on the Favorites page.

1. Access the ClareHome app, and then tap the **Devices** page.



2. Select the category (CCTV), and then tap the NVR.



The NVR's stream displays.



## Contact information

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