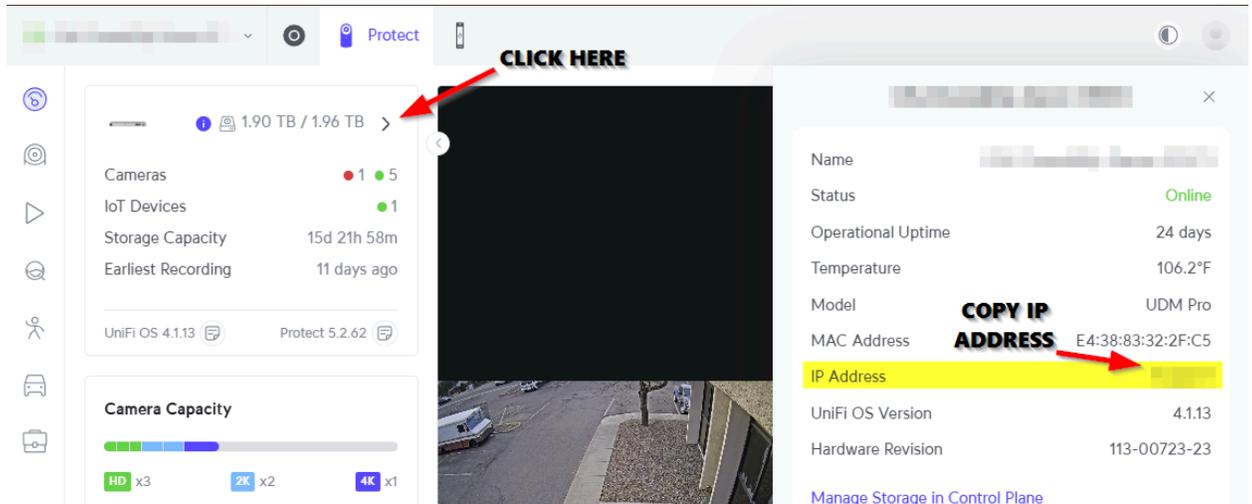
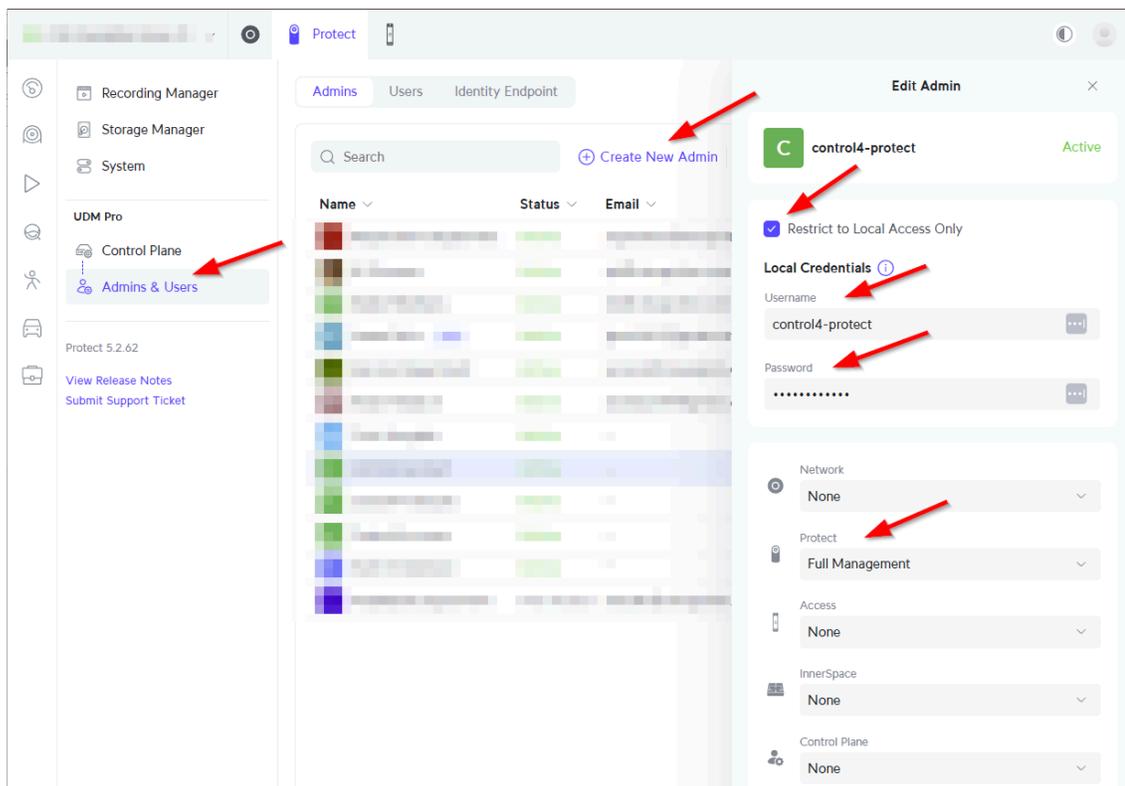


# UniFi Protect Setup Instructions:

1. Purchase driver on [DriverCentral](#)
2. Download and install the Protect driver (contains - Protect Gateway, Protect Camera, Protect Floodlight and Protect Viewport Drivers) into your Control4 Drivers folder (My Documents/Control4/Drivers)
3. Start by installing the UniFi Protect Gateway Driver into your project
4. Copy IP Address From UniFi Controller and enter this into the Address field of the Gateway Driver.



5. In UniFi go to settings - Admins & Users - Create New Admin
6. Click on *Restrict to Local Access Only*
  - a. - Create User Name
  - b. - Create Password
  - c. - Give Full Management to Protect Only - Set all others to None - "Our Recommendation"
  - d. - Then Create The Admin User



7.

8. Copy And Paste Your IP Address - Username - Password - into the UniFi Protect Gateway sections. Then hit set on each one.

Properties Properties S

Properties

Properties Documentation Lua

Cloud Status	License Activated
Driver Status	Mar 10 15:14:01: Enter address of controller
Driver Version	20250104
Driver Actions	(Select) ▾
Automatic Updates	Off ▾
Debug Mode	Off ▾

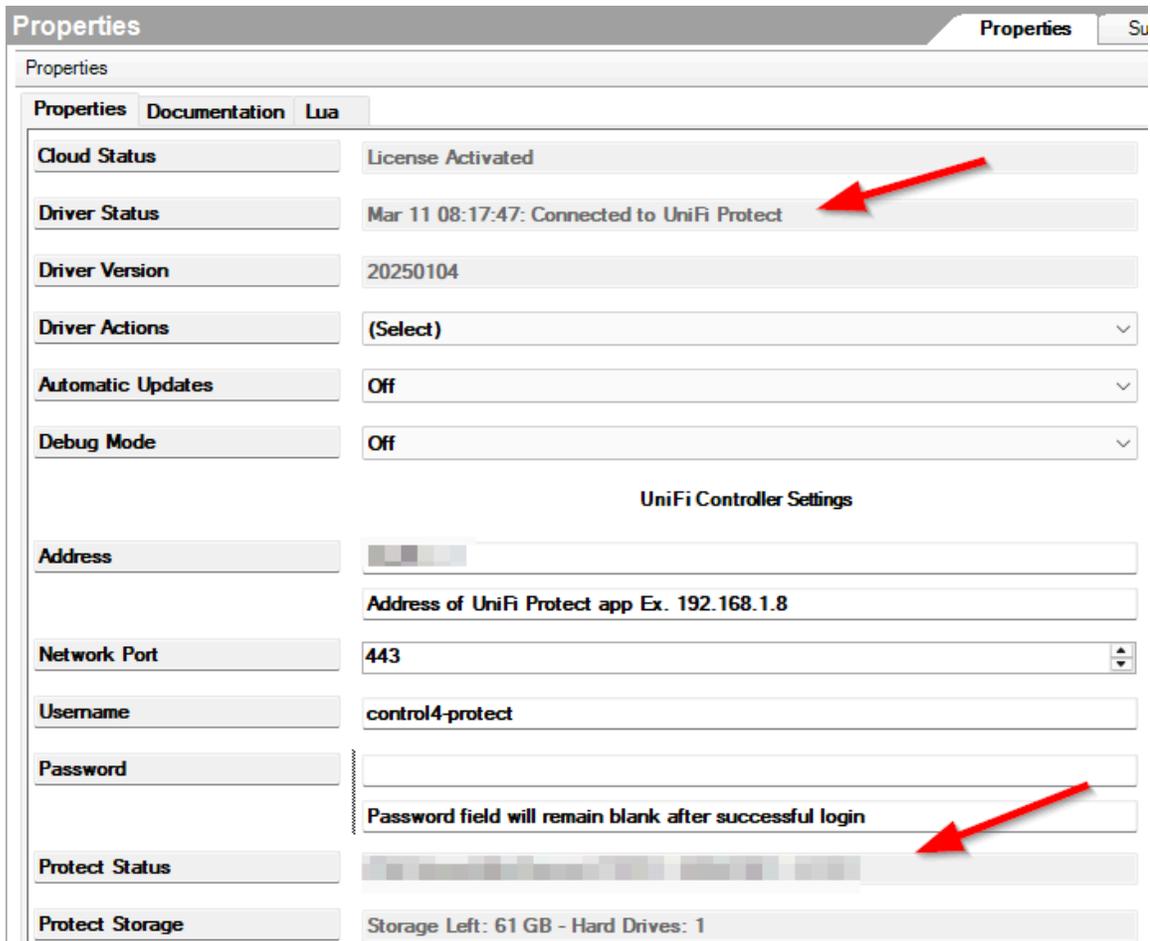
UniFi Controller Settings

Address	<b>Enter IP Address From UniFi Controller</b> Address of UniFi Protect app Ex. 192.168.1.8
Network Port	443 ▾
Username	<b>Enter Username From UniFi Account</b>
Password	<b>Enter Password From UniFi Account</b> Password field will remain blank after successful login
Protect Status	
Protect Storage	

Alarm Manager - Custom Webhook Configuration

Webhook Delivery URL	http://10.24.1.132:53367/control4/event/ The Webhook Server URL Template. See documentation for more information. ▲
----------------------	------------------------------------------------------------------------------------------------------------------------

- 9.
10. Should look like this when done - Status should = Connected to UniFi Protect and Project Status = Protect Account Name (See next page)



11.

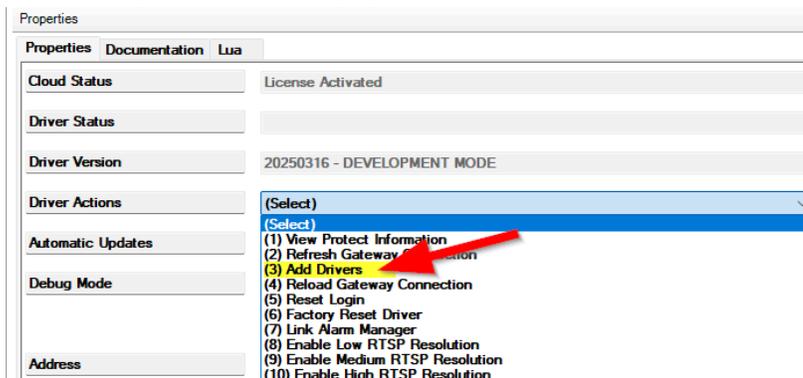
12. Add in a UniFi Protect Camera Driver

13. Add in a UniFi Protect Floodlight and Viewport Driver if you have them in your project - should look like this:



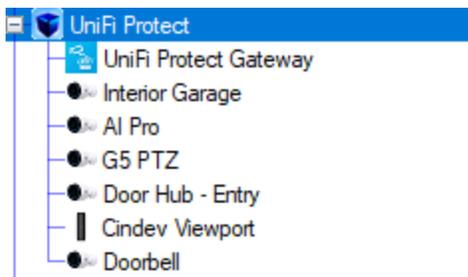
14.

15. Now under Driver Actions Select - Select Add Drivers - all cameras, viewports and floodlights will be automatically installed into the project



16.

17. Here is what it will look like when you are done - (NOTE: Delete the UniFi Camera, Viewport, Floodlight drivers that did not update)



18.

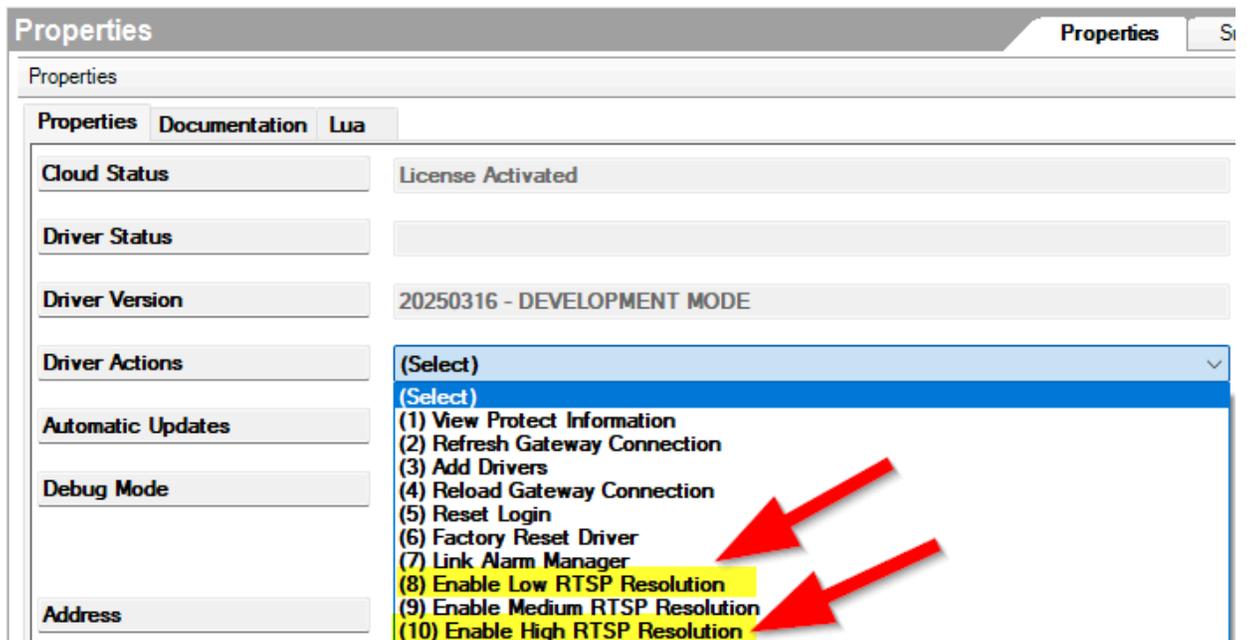
19. It also binds all of your connections

Interior Garage				
Name	Type	Connection	Input/Output	Connected To
<b>Control Inputs</b>				
UniFi Gateway	Control	UNIFI_OS_CAMERAS	Input	UniFi Protect Gateway->Interior Garage
<b>UNIFI_OS_CAMERAS Output Devices</b>				
Filters: All Rooms <input type="button" value="v"/> All Connections <input type="button" value="v"/>				
Device	Name	Location	Connections	
UniFi Protect Gateway	Interior Garage	UniFi Protect	Interior Garage->UniFi Gateway	
UniFi Protect Gateway	Doorbell	UniFi Protect	Doorbell->UniFi Gateway	
UniFi Protect Gateway	G5 PTZ	UniFi Protect	G5 PTZ->UniFi Gateway	
UniFi Protect Gateway	Door Hub - Entry	UniFi Protect	Door Hub - Entry->UniFi Gateway	
UniFi Protect Gateway	AI Pro	UniFi Protect	AI Pro->UniFi Gateway	

20.

21. Next go back to the UniFi Protect Gateway and do the following:

- a. Enable Low Stream - if your project uses C4 Touchscreens or GUI on TVs
- b. Enable High Stream - if your project only uses phones/tablets to view camera streams



22.

23. This will change the available cameras active streams to choose from

**Camera Settings**

Camera Info	- Type: UVC AI Pro
Active Streams	Low
H264 Video Stream	Low
Stream -> Settings	Automatic
Status Light	On
Auto Rename Driver	Enabled
Allow Settings	Yes
Show Home Button	No

24.

### Other Protect Gateway Features:

1. Webhook Delivery URL - is the address you can paste into the Alarm Manager Create Alarm section. For more information watch this [VIDEO](#)

### Programming Features:

1. Programmable Events and Actions:

<p><b>AI Pro Events</b></p> <ul style="list-style-type: none"> <li>AI Detection - Known Face</li> <li>AI Detection - Known Face</li> <li>AI Detection - Person of Interest</li> <li>AI Detection - Unknown Face</li> <li>AI Detection - Unrecognized Vehicle</li> <li>AI Detection - Vehicle of Interest</li> <li>AI Detection - Vehicle Recognized</li> <li>Audio Detection - Any</li> <li>Audio Detection - Baby Crying</li> <li>Audio Detection - Barking</li> <li>Audio Detection - Burglar Alarm</li> <li>Audio Detection - Car Horn</li> <li>Audio Detection - CO Alarm</li> <li>Audio Detection - Glass Break</li> <li>Audio Detection - Siren</li> <li>Audio Detection - Smoke Alarm</li> <li>Audio Detection - Speaking</li> <li>Camera Status LED Changed</li> <li>Custom Button Clicked</li> <li>Detection - Animal</li> <li>Detection - Any Event</li> <li>Detection - Person</li> <li>Detection - Vehicle</li> <li>Detection - Zone Trigger</li> <li>Home Button Pressed</li> </ul>	<p><b>AI Pro Actions</b></p> <p>Push Alert: -Level( Alarm) -Category( Security) - Subject( )</p> <table border="1"> <thead> <tr> <th>Commands</th> <th>Conditionals</th> <th>Loops</th> </tr> </thead> <tbody> <tr><td><input type="radio"/> Pan Left</td><td></td><td></td></tr> <tr><td><input type="radio"/> Pan Right</td><td></td><td></td></tr> <tr><td><input type="radio"/> Pan Scan</td><td></td><td></td></tr> <tr><td><input type="radio"/> Tilt Up</td><td></td><td></td></tr> <tr><td><input type="radio"/> Tilt Down</td><td></td><td></td></tr> <tr><td><input type="radio"/> Tilt Scan</td><td></td><td></td></tr> <tr><td><input type="radio"/> Zoom In</td><td></td><td></td></tr> <tr><td><input type="radio"/> Zoom Out</td><td></td><td></td></tr> <tr><td><input type="radio"/> Preset: Turn On Light</td><td></td><td></td></tr> <tr><td><input checked="" type="radio"/> Home</td><td></td><td></td></tr> </tbody> </table> <p><b>Device Specific Command</b></p> <ul style="list-style-type: none"> <li>Send Push Alert</li> <li>Send Push Alert</li> <li>Send Email</li> <li>Set Status Light</li> <li>Set LCD Message</li> <li>Clear LCD Message</li> <li>PTZ Move Command</li> <li>PTZ Goto Preset</li> <li>Set Recording Options</li> <li>Set Auto Person Tracking</li> </ul>	Commands	Conditionals	Loops	<input type="radio"/> Pan Left			<input type="radio"/> Pan Right			<input type="radio"/> Pan Scan			<input type="radio"/> Tilt Up			<input type="radio"/> Tilt Down			<input type="radio"/> Tilt Scan			<input type="radio"/> Zoom In			<input type="radio"/> Zoom Out			<input type="radio"/> Preset: Turn On Light			<input checked="" type="radio"/> Home		
Commands	Conditionals	Loops																																
<input type="radio"/> Pan Left																																		
<input type="radio"/> Pan Right																																		
<input type="radio"/> Pan Scan																																		
<input type="radio"/> Tilt Up																																		
<input type="radio"/> Tilt Down																																		
<input type="radio"/> Tilt Scan																																		
<input type="radio"/> Zoom In																																		
<input type="radio"/> Zoom Out																																		
<input type="radio"/> Preset: Turn On Light																																		
<input checked="" type="radio"/> Home																																		

1.

### Email and Push Notification Settings and Programming:

1. Insert Owner email address

2. **Owner Emails**

- 2.
3. When sending a push or email notification from the specific camera it will send a snapshot from that camera for your notification

4.

The screenshot shows a configuration window titled "Device Specific Command". At the top right, there is a "Send Email" dropdown menu. Below it, there are several input fields: "Send Push Alert" (dropdown), "Message" (text input), "Level" (dropdown with "Alarm" selected), and "Category" (dropdown with "Security" selected). On the right side, there are four more dropdown menus: "To Global" (with "Owner" selected), "To Custom" (empty), "Message" (empty), and "Subject (Optional)" (empty).

## Custom Button Settings:

1. Custom Buttons - Allows you to set up to 10 custom programmable buttons in the camera view
2. To do this pick how many buttons you want - 3 in demonstration
3. You will be given the option to configure the button - choose the button - then you will be able to name the button - example "Toggle Light"

The screenshot shows the "Custom Button Settings" configuration window. At the top, "Custom Buttons" is set to 3. Below it, "Configure Button" has a dropdown menu with options: "(Select)", "(1) Turn On Light", "(2) Unlock Door", and "(3) Open Garage". To the left, there is a live camera feed of a street scene with a "Live" indicator and a "Presets" menu showing "Turn On Light", "Unlock Door", and "Open Garage". The main configuration area is titled "Programming Custom Button Events" and includes "AI Pro Events" (set to "Custom Button Clicked"), "Choosing Conditional Programming" (set to "Last Custom Button" with a dropdown for "(1) Turn On Light"), and "Final Programming Results" which lists script actions: "If Last Button = (1) Turn On Light -> Turn on the Garage->Garage Sconces", "If Last Button = (2) Unlock Door -> Unlock the Garage->Mudroom Door Lock", and "If Last Button = (3) Open Garage -> Open Garage->Garage Door".