



Control Programming LLC

Release Notes

Extension – Unifi – Viewport - TCP
version 4.3

Extension

This release note is for the CPLLC Unifi Protect Viewport driver.

Notes and Recommendations

Drivers->Notification->Unifi->Protect Alarm Trigger

System Requirements and Dependencies

- Crestron Home v4.0
- This extension requires that the License Manager (<https://cpllc.net/product/license-manager/>) also be installed on the processor
- You will need to obtain/create the API key that gives access to the Protect API
- You will also need to create/obtain the alarm id that is to be triggered

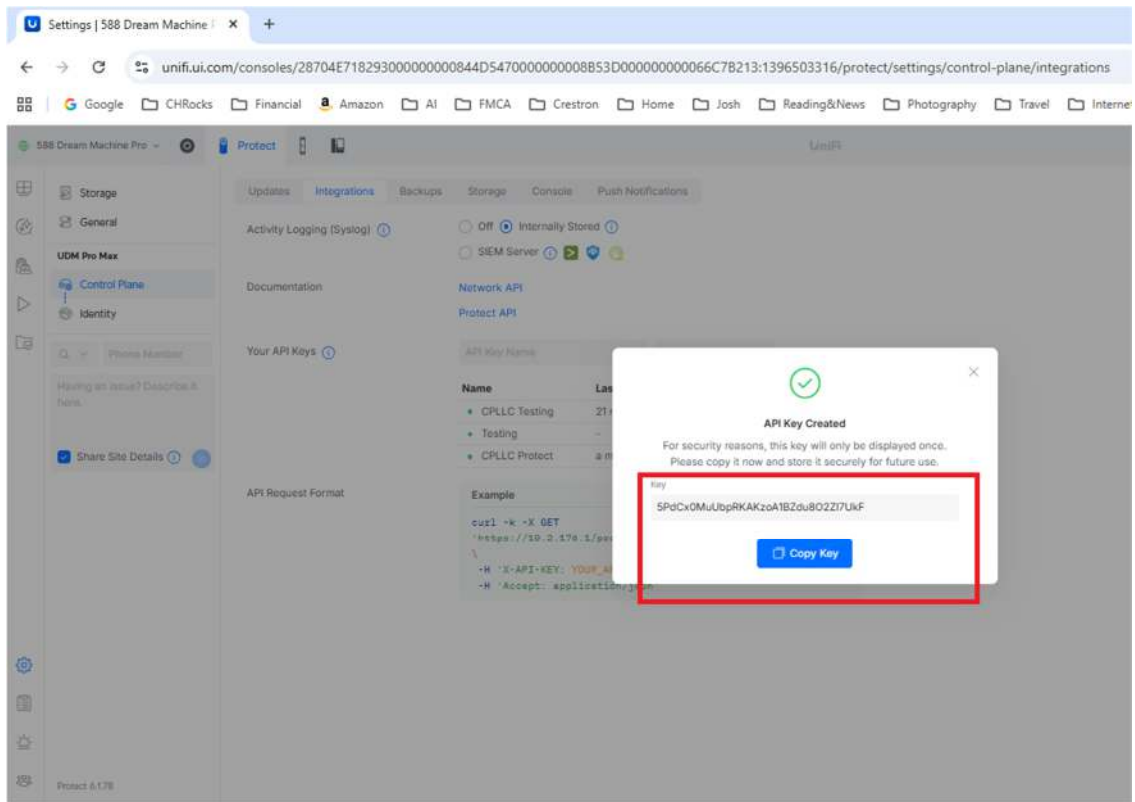
Step 3 requires selecting the “Control Panel” on the left-hand side, then clicking the “Integrations” tab and finally entering a descriptor name and clicking the Create API Key link (see below).

The screenshot shows the UniFi Protect console interface. The browser address bar displays the URL: `unifi.ui.com/consoles/28704E71829300000000844D547000000008B53D000000000066C7B213:1396503316/protect/se`. The left sidebar contains a navigation menu with 'Control Plane' highlighted. The main content area has tabs for 'Updates', 'Integrations', 'Backups', 'Storage', 'Console', and 'Push Notifications'. The 'Integrations' tab is active, showing options for 'Activity Logging (Syslog)' (set to 'Internally Stored') and 'SIEM Server'. Below these are links for 'Documentation', 'Network API', and 'Protect API'. The 'Your API Keys' section features a 'Create API Key' button and a table of existing keys. The table has columns for 'Name', 'Last Used', and 'Expires'. Two keys are listed: 'CPLLC Testing' (last used 20 minutes ago) and 'CPLLC Protect' (last used a month ago), both with 'Never' expiration. An 'API Request Format' section provides a cURL example for a GET request to the integration endpoint.

Name	Last Used	Expires
CPLLC Testing	20 minutes ago	Never
CPLLC Protect	a month ago	Never

```
curl -k -X GET 'https://10.2.176.1/proxy/protect/integration/v1/meta/info' -H 'X-API-KEY: YOUR_API_KEY' \ -H 'Accept: application/json'
```

Step 4 requires making a copy of the created API key as it will not be shown again.



Step 1 select the viewport and copy the last set of characters in the URL as circled in red.

The screenshot displays the UniFi Protect web interface. The main table lists various cameras, with 'Camera 1' highlighted in yellow. The details panel on the right for 'Camera 1' shows the following information:

- Status: Online
- Model: UP v8port
- Device Version: 1.4.25
- Connection: OK (0 Drops)
- MAC Address: 9C:50:5D:8A:18
- IP Address: 10.4.479.8
- Uptime: about 20 hours
- Connected Time: about 20 hours

Programmer Options

Control Options

Enter a descriptive name for Viewport

Unifi Viewport

Please enter TCP/IP settings:

TCP/IP settings	Value
IP Address	10.2.176.1
IP Port	80

Requires Authentication: ☐

OK Cancel

IP Address – Local IP address of the Unifi Device containing the Protect Installation

Port – this will always be 80 regardless of what is entered

Installer Options

Obtain License Key

Clicking the link, on the right, takes you to CPLLC.net where license keys can be obtained. A purchased license key is required to be entered into each extension's license key field in order to author...

[CPLLC.net](https://cpllc.net)

Enter License Key

A purchased license key must be obtained by clicking the above link and entered here. The extension will function 100% without a license key for 2 hours.

Unifi API Key

This is where the Unifi Protect API Key is entered. The release notes for the extension show where to find the API Key.

Unifi Viewport ID

This is where the Unifi Protect Viewport ID is entered. The release notes for the extension show where to find the Viewport ID.

Obtain License Key – clicking on the “CPLLC.net” link will take you to the website to purchase the necessary license. The obtained license key will need to be entered in the license manager on the appropriate SKU.

Unifi Protect API Key – see above to create the key

Unifi Protect Viewport ID – see above how to create/find the ID

End-User Experience

After 2 hours, without the proper license key having been installed, the driver will be non-functional.

Limitations/Known Issues

No known issues

Supported Features

Not applicable

Test Environment

List the environments where this driver has been tested and any control system firmware versions used.

- Crestron Home v4.007
- CP4-R
- MC4-R

Supported Models

- CP4-R
- MC4-R

Contact Information

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- License: <https://cpllc.net/product/unifi-protect-viewport/>

Version History

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- Initial Release

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