



Control Programming LLC

Release Notes

Platform – Kasa - Platform - Cloud
version 2.00.006

Extension

This release note is for the CPLLC Kasa Platform Extension. Kasa is a cloud control of various IoT devices via their Wi-Fi connections and is described <https://www.kasasmart.com/us>.

Notes and Recommendations

All Kasa devices will need to be acquired and setup using the Kasa mobile app. The extension will obtain a list of devices associated with a given Kasa login.

This extension uses the Kasa cloud protocol and will need internet access to function.

There is an installer specified number of seconds between each cloud status poll it is recommended to keep this value set above 30 seconds.

Drivers->Platform->Kasa->Cloud

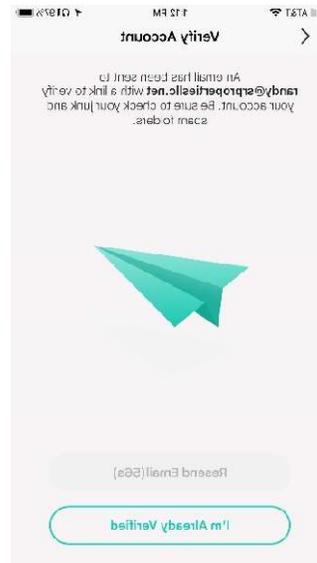
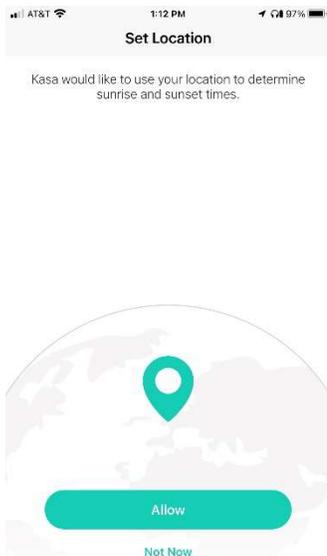
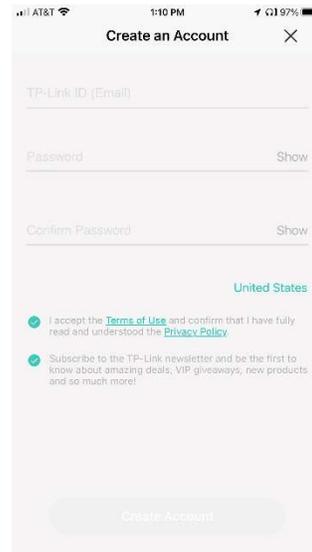
Since a platform extension does not have a UI, any issues (i.e. invalid token, invalid IP address) will be documented in the error log. If no sub extensions are created an error was encountered.

System Requirements and Dependencies

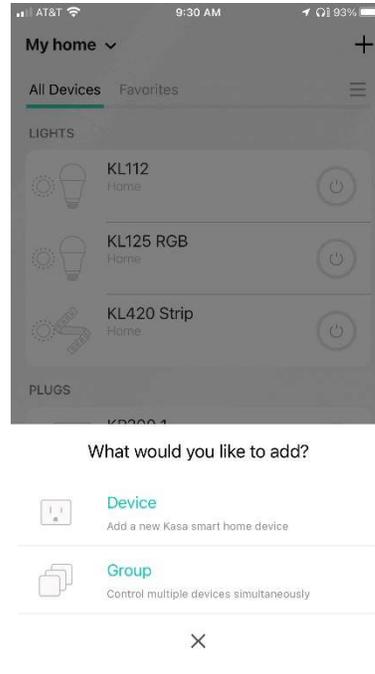
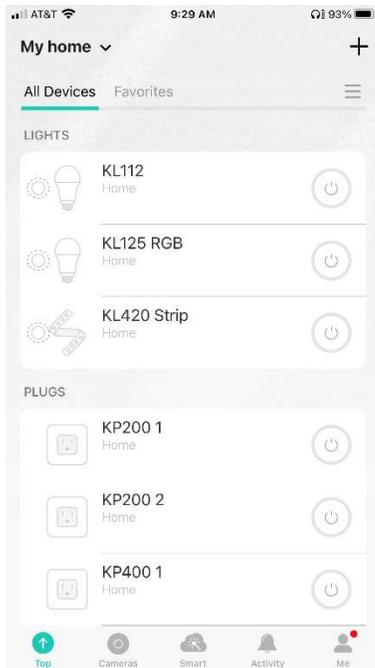
Crestron Home v3.012.005

Operation Installation/Upgrade Instructions

Prior to installing the Kasa platform extension, you will need to create a Kasa cloud account and associate the various Kasa devices to the cloud account.



If an account needs to be created, there are a few steps required as shown above.



Follow the above directions to add the various devices. Hitting the “+” sign in the upper right corner starts the process.

Platform Installer Options

<p>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 i...</p>	<p>CPLLC.net</p>
<p>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 ...</p>	<input type="text"/>
<p>Kasa Cloud Username Username required for logging into the Kasa Cloud</p>	<input type="text" value="randy@cpllc.net"/>
<p>Polling Seconds Number of seconds between each poll which is required to keep CH in sync with the Kasa Cloud. If set to zero, no polling will occur.</p>	<input type="text" value="60"/>
<p>CPLLC License Manager This extension requires the CPLLC License Manager to also be installed...</p>	

Obtain License Key – clicking on the “CPLLC.net” link will take you to the website to purchase the necessary license.

License Key – this extension requires a paid license key which can be obtained from <https://cpllc.net/?product=bond-bridge-platform>. For testing purposes, this extension will function 100% for 2 hours. Rebooting will reset the two hours.

Kasa Cloud Username – Account username

Kasa Cloud Password – Account password

Polling Seconds – seconds between each poll

Paired Extension Installer Operations

 Show in Home Screen Checked to show on Home screen	<input type="checkbox"/>
 Show on Room Screen Checked to show in Room screen	<input checked="" type="checkbox"/>
 Tile Clickable If checked, pressing the room tile will toggle the state. If unchecked, an additional page would be displayed with discreet buttons to set st...	<input checked="" type="checkbox"/>
 Only Display Tile If checked, only the Tile would be displayed in the room or home page. If unchecked, there would be an additional page(s) of control. ...	<input type="checkbox"/>

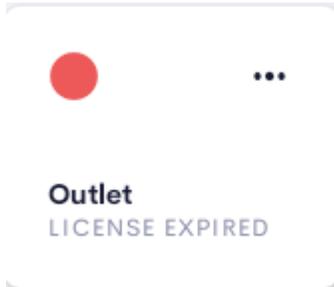
Show in Home Page – check if extension is to be visible on the home page.

Show in Room Page – checked if extension is visible in the room page.

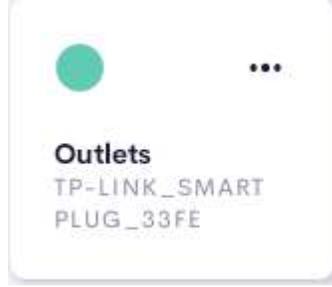
Tile Clickable – if checked tapping the tile will toggle the device.

Only Display tile – if checked, only the tile is displayed and no additional controls are accessible

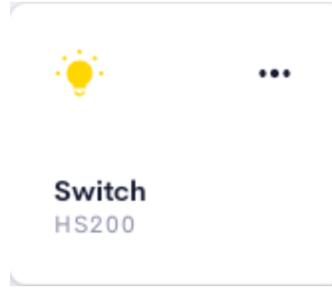
End-User Experience



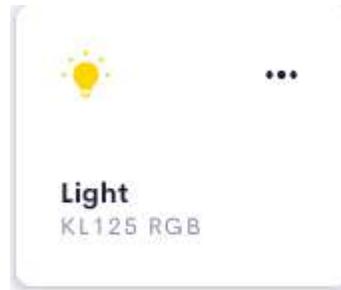
In the event the license expires, the above will be displayed.



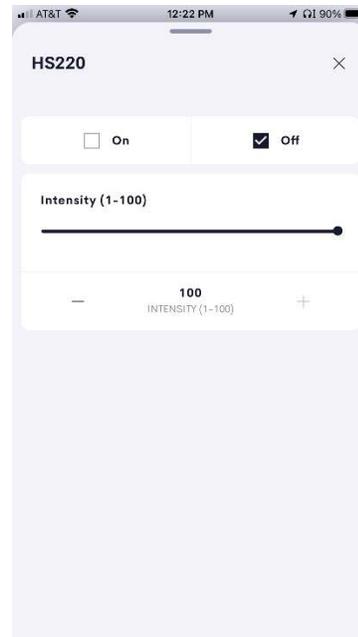
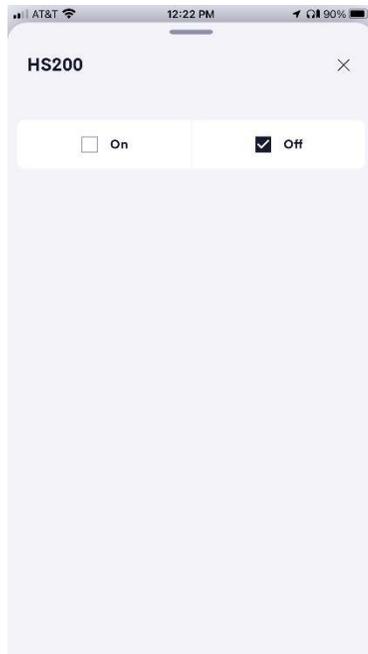
The above tiles show the outlet status. The left shows when no outlets are active, and the right with one or more outlets turned on.



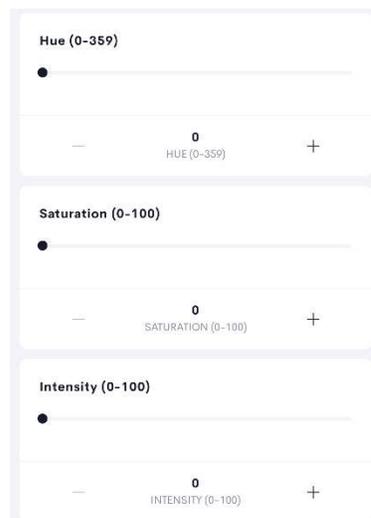
The above tiles show the switch status if it is on or off.



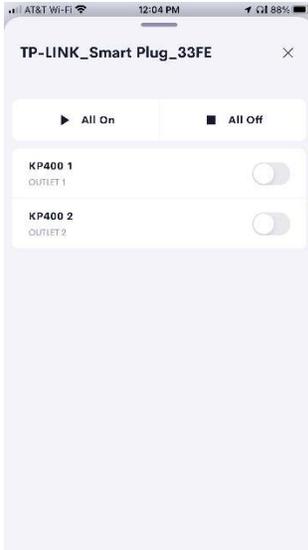
The above tiles show the light status if it is on or off.



Granular control of the light switch can be found when tapping on the “...” in the upper right corner of the tile. The left image shows the ability to switch on/off while the right side show the controls with dimming capabilities.



Granular control of the Hue, Saturation, Intensity and Color Temperature is provided depending on the light characteristics. Additionally, the light can be turned on/off.



Depending on the outlet device, up to 6 separate outlets can be controlled both globally and individually.

Limitations/Known Issues

- No known limitations or issues

Supported Features

- Not applicable

Test Environment

- CP4-R and MC4-R
- Crestron Home v3.012.0054

Contact Information

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- License Key: <https://cpllc.net/product/kasa-cloud-platform/>

Version History

2022-04-04 2.00.006

- Initial Release

Licensing and Copyright Information

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