Control Programming LLC
Release Notes

Platform – Kasa - Platform - Cloud
version 4.0

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.
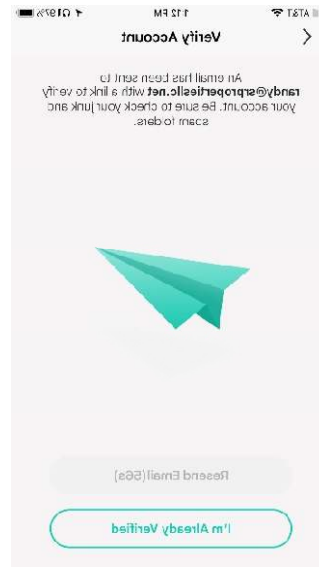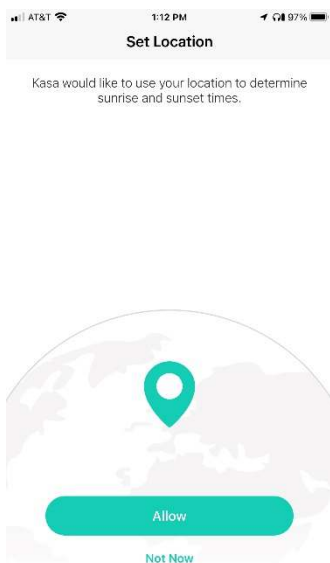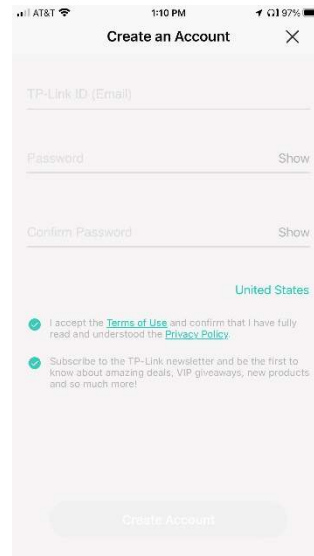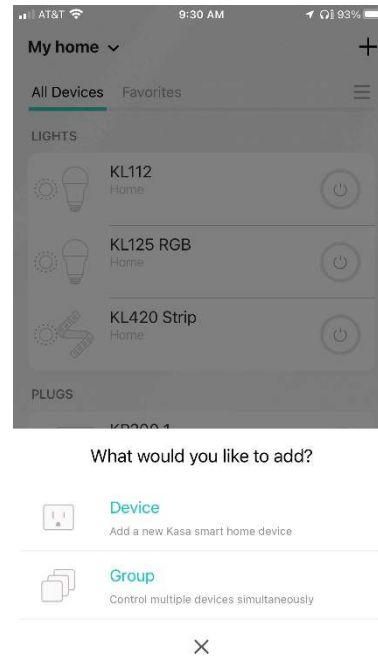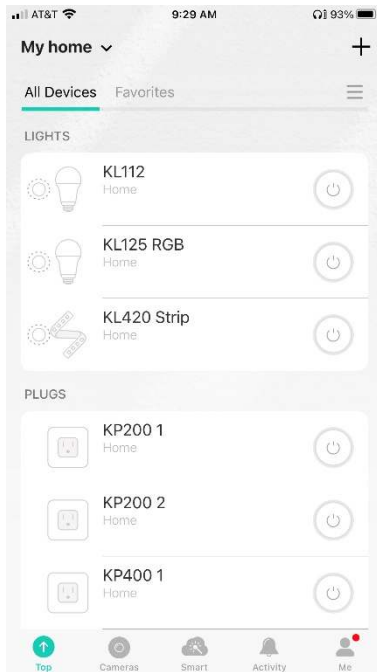
System Requirements and Dependencies

Crestron Home v4.000.0207

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

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.

Username – Account username required to login into the Kasa Cloud

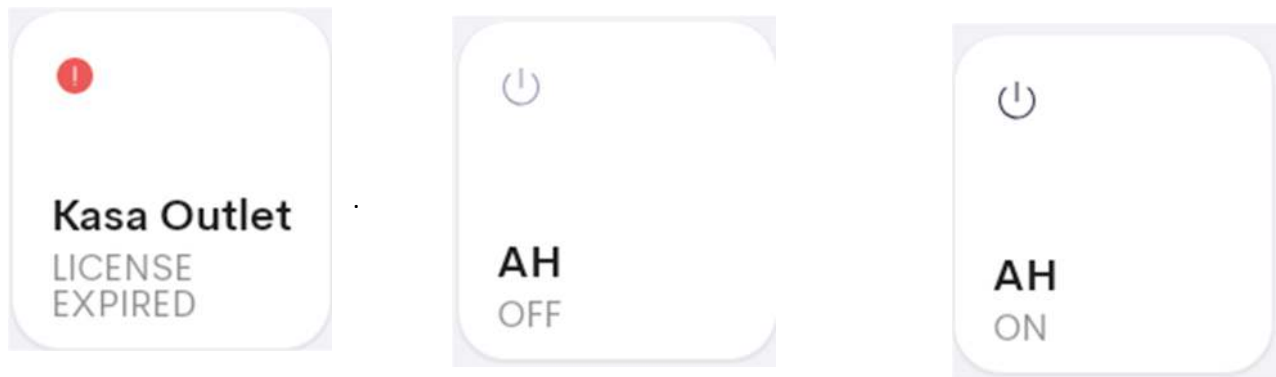**Password –** Account password requiredto login in to the Kasa Cloud

Polling Seconds – seconds between each poll

End-User Experience

The Kasa platform consists of both lights and power outlets. This platform implements the new lighting SDK which integrates third party lights into Crestron Home as if they are native. The lights will be managed via the native lights controls.

The outlet extension will have the following user experience.

The above tiles show the switch status if it is on or off and whether the license has expired.

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

Limitations/Known Issues

- No know limitations or issues

Supported Features

- Not applic

Test Environment

- CP4-R and MC4-R
- Crestron Home v4.000.0207

Contact Information

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Version History

2023-01-20   4.000

- Initial Release

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