

# Kasa Integration Installation, Reference, and Troubleshooting

## Other Reference Location Links

<b>Installation Instructions</b>	<a href="https://github.com/DaveGut/HubitatActive/blob/master/KasaDevices/Docs/install.pdf">https://github.com/DaveGut/HubitatActive/blob/master/KasaDevices/Docs/install.pdf</a>
<b>Update Instructions</b>	<a href="https://github.com/DaveGut/HubitatActive/blob/master/KasaDevices/Docs/update.pdf">https://github.com/DaveGut/HubitatActive/blob/master/KasaDevices/Docs/update.pdf</a>
<b>Application Description</b>	<a href="https://github.com/DaveGut/HubitatActive/blob/master/KasaDevices/Docs/appDesc.pdf">https://github.com/DaveGut/HubitatActive/blob/master/KasaDevices/Docs/appDesc.pdf</a>
<b>Device Capabilities</b>	<a href="https://github.com/DaveGut/HubitatActive/blob/master/KasaDevices/Docs/cmdsAttrs.pdf">https://github.com/DaveGut/HubitatActive/blob/master/KasaDevices/Docs/cmdsAttrs.pdf</a>
<b>Device Preferences</b>	<a href="https://github.com/DaveGut/HubitatActive/blob/master/KasaDevices/Docs/prefs.pdf">https://github.com/DaveGut/HubitatActive/blob/master/KasaDevices/Docs/prefs.pdf</a>
<b>Troubleshooting Guide</b>	<a href="https://github.com/DaveGut/HubitatActive/blob/master/KasaDevices/Docs/trouble.pdf">https://github.com/DaveGut/HubitatActive/blob/master/KasaDevices/Docs/trouble.pdf</a>

## Device Capabilities

### Hubitat Defined Capabilities

The below capabilities are implemented in accordance with the Hubitat Device Capabilities definitions.

Capability	Commands / Attributes	Devices / Notes
Actuator	none	All devices
Change Level	<b>cmds:</b> Start Level Change, Stop Level Change	Dimming Switch, All bulbs, Light Strip
Color Control	<b>cmds:</b> Set Color, Set Hue, Set Saturation <b>attrs:</b> RGB, color, colorName, hue, saturation	Color Bulb
Color Mode	<b>attrs:</b> colorMode	Color Bulb
Color Temperature	<b>cmds:</b> Set Color Temperature <b>attrs:</b> colorName, colorTemperature	Color Bulb, CT Bulb
Energy Meter	<b>attrs:</b> energy	EM Plug, EM Multiplug, all Bulbs
Level Preset	<b>cmds:</b> Preset Level <b>attrs:</b> levelPreset	Dimming Switch
Light	<b>cmds:</b> On, Off <b>attrs:</b> switch	All bulbs, Light Strip
Light Effects	<b>cmds:</b> Set Effect, Set Next Effect, Set Previous Effect <b>attrs:</b> effectName, lightEffects	Light Strip
Power Meter	<b>attrs:</b> power	EM Plug, EM Multiplug, all Bulbs
Refresh	<b>cmds:</b> Refresh	All devices
Switch	<b>cmds:</b> On, Off <b>attrs:</b> switch	All devices
Switch Level	<b>cmds:</b> Set Level <b>attrs:</b> level	Dimming Switch, All bulbs, Light Strip

### Custom Capabilities

The below capabilities are custom capabilities unique to this integration

Capability	Commands / Attributes	Notes
Bulb Presets	<b>cmds:</b> Bulb Preset Create, Bulb Preset Delete, Bulb Preset Set	Color Bulbs, Light Strips / Create bulb presets with name based on current settings. Command preset by Name. Coordinate presets with other color bulbs. Execute through rule machine or other means. Presets are stored in state bulbPresets.
Circadian Mode	<b>cmds:</b> Set Circadian / circadianState	Color and CT Bulbs / Sets device-internal circadian mode.
Connection	<b>attrs:</b> connection	All devices / LAN or CLOUD connection controlled via preferences.
Energy Statistics	<b>attrs:</b> currMonthTotal, currMonthAvg, lastMonthTotal, lastMonthAvg	EM Plug, EM Multiplug, all Bulbs
LED Control	<b>cmds:</b> Led On, Led Off <b>attrs:</b> led	Plugs, Multiplugs / Sets the faceplate LED for the device on/off. Results will vary.
Light Effect Preset	<b>cmds:</b> Effect Create, Effect Delete, Effect Set	Light Strips / Create strip presets with name based on current settings. Command preset by Name. Coordinate presets with other light strips. Execute through rule machine or other means. Presets are stored in state effectPresets.
Quick Polling	<b>cmds:</b> Set Poll Interval	All devices / Allows poll interval control from rule machine. Function allows syncing HE with manual switch use. Reports current through state pollInterval.