Kasa/Tapo Installation Installation and Adding Devices

Install Application

Hubitat - Apps: Add built-in app: Select "Kasa/Tapo Integration".

Kasa Integration Start Page (version 2.3.8)

Initial Installation Start Page

Display Quick Instructions

a. Kasa/Tapo Phone App: Install device.
b. Kasa/Tapo Phone App: Turn on Third Party Compatibility.
c. Kasa/Tapo Phone App: Exercise device to be installed.
d. Your WiFiRouter: Set DCHP Reservation for Device.
e. Here: To install matter devices select Modify Application Setup.
f. Here: Enter/Update Username/Pwd.
g. Here: Scan for devices and add.
Detailed information: use the ? icon above.

Display Quick Instructions: Easy and quick device installation instructions.

Modify Application Setup: [installMatterDevices:false, LanSegments:[192.168.50], KasaPorts:[9999]]

Install matter capable devices

Lan Segments (ex: 192.168.50, 192,168.01)

192.168.50

Kasa (IOT) ports (ex: 9999, 9990)

9999

Modify Application Setup: Top line shows the settings

Install Matter Capable Devices. It is recommended to use the Hubitat Matter capability to install Matter Capable devices; however, you may choose to install by selecting "Install matter capable devices".

Lan Segments; Advanced user to allow finding devices on multiple LAN segments.

Kasa (IOT) ports: Allows for port forward for the legacy (IOT) Kasa devices only.

Enter Credentials

⚪ **Hide Password**

Password and Username are both case sensitive.
Some special characters in password causes failure.
Recommend changing password in Phone App to alpha/numberic characters only.

Email Address
Click to set
_____

Account Password
Click to set
_____

Next

Enter/Update Username and Password

Username and Password are recommended. However, for backward compatibility, these are not required until you install new devices OR one of your existing devices is updated by Kasa.

Hide Password: Hides the password for display on this page. Note that the display of a password is redacted in the code whether this is selected or not.

Email Address: Should be exactly as it appears in the Tapo / Kasa phone app. NO Spaces

Password: Some special characters (list is not identified, example "$") fail miserably. Some recommendations to use alpha-numeric passwords only providing desired security by length.

Select "Next" when done. The Start Page tile will then look similar to the below:

Enter/Update Username and Password
Credentials: userName: iamsoconfused@lifeisshort.com, password length = 10.   ▸

Scan for device and add. This will start the scan process within the LAN. It will take about 30 seconds to complete for a basic application setup with a reasonable number of devices. When complete the Add Devices page will display.

Add Devices to Hubitat

Devices to add (14 available). Total Devices: 18

> Use the dropdown to select devices. Then select 'Done'.   ▼

Found Unsupported Devices: [192.168.50.202:[protocol:MATTER, model:P110M(US), type:SMART.TAPOPLUG], 192.168.50.96:[protocol:MATTER, model:KP125M(US), type:SMART.KASAPLUG], 192.168.50.172:[protocol:TPAP, model:RV30 Max(US), type:SMART.TAPOROBOVAC], 192.168.50.132:[protocol:KLAP, model:KP303(US), type:IOT.SMARTPLUGSWITCH]]

Found Devices
    Fan=Installed.
    Office=Installed.
    Printer=Installed.
    kit=Installed.

> **Rescan for Additional Devices**
> Exercise missing devices through the Kasa or Tapo Phone App. Then select this   ▶
> function.

Add Devices to Hubitat

Devices to add (18 available). Total Devices: 18

> Use the dropdown to select devices. Then select 'Done'.   ▼

Found Devices

> **Rescan for Additional Devices**
> Exercise missing devices through the Tapo Phone App. Then select this   ▶
> function.

Next

Add Devices Page

Found Unsupported Devices: [192.168.50.202:[protocol:MATTER, model:P110M(US), type:SMART.TAPOPLUG], 192.168.50.96:[protocol:MATTER, model:KP125M(US), type:SMART.KASAPLUG], 192.168.50.172:[protocol:TPAP, model:RV30 Max(US), type:SMART.TAPOROBOVAC], 192.168.50.132:[protocol:KLAP, model:KP303(US), type:IOT.SMARTPLUGSWITCH]]

Unsupported Devices

a. **protocol: MATTER**. If these appear, you have not selected Matter install on the primary page. If you desire to install a Matter device as a non-matter device into hubitat, select Matter install to yes.

b. **Type field**. The integration currently only supports Plugs, Bulbs, and Switches. Other types; including Hub and Hub attached devices are not supported.

c. **type: IOT.SMARTPLUGSWITCH**. These devices have Smart protocol find sections; however, they are actually installed. Check and see if the device is on the Devies to add or Found Devices list. If so, no action is required.

Devices to add (18 available). Total Devices: 18

Use the dropdown to select devices. Then select 'Done'.

☐ Fan, Kasa Plug Switch

☐ kit, Kasa Color Bulb

☐ Front Porch, Kasa Plug Switch

☐ AT&T Gateway, Kasa Plug Switch

☐ Office, Color Bulb

Devices to add. This is a drop-down for selection of devices desired to add. Simply select the desired devices to add

Found Devices: Provides a list of devices already installed (and not in the devices to add list).

Rescan for Additional Devices. If a device is missing use this option. Prior to using, exercise the device in the Tapo/Kasa Phone App to verify it is working.

Select "Next" when done. This will install the selected devices and return to the Start Page.

Remove Devices from Hubitat

Devices to remove (4 available)

Use the dropdown to select devices. Then select 'Done'. ▼
☐ P306(US)
☐ Den Speaker
☐ Cuisinart
☐ Bed Fan

Next

Remove Devices Page

Devices to remove: Select devices to remove from the drop-down menu.

Select "Next" when done. This will remove the selected devices and return to the Start Page.

Debug logging. Turns on debug logging for the duration of the current session.

Remove: Removes the application and ALL application child devices.

Done: Normal exit for the application. It is critical that this is used to exit the app to initiate app maintenance processes.