

Areas & Devices

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Backyard

Overview

The Backyard area covers the rear outdoor space with 47 entities. It includes a Eufy outdoor security camera, a TP-Link outdoor smart plug (EP40M) with two outlets (backyard lighting and HeatTrak mats), and a YoLink door sensor for the backyard entrance.

Entity count: 47 | **Floor:** Ground Floor

Devices

Device	Manufacturer	Model	Integration
Backyard (Eufy Camera)	Eufy Security	T8424	eufy_security
Backyard Light	TP-Link	KS205	tplink
Outdoor Smart Plug EP40M	TP-Link	EP40M (outdoor dual-outlet)	tplink
Unnamed EP40M Smart Plug_2	TP-Link	EP40M (outlet 2)	tplink
HeatTrak Mats	TP-Link	EP40M (outlet — via parent)	tplink
Door Sensor (Backyard)	YoLink	DoorSensor	yolink

Lighting

Entity	Type	Notes
Backyard Light	TP-Link KS205	General backyard light switch

Automation: `Control Backyard Light` — automated control of the backyard light.

Security / Cameras

Entity	Notes
Backyard (Eufy T8424)	Outdoor security camera; firmware 2.1.1.5
Backyard Alarm Panel	<code>alarm_control_panel.backyard</code> (armed_home)
Backyard Microphone	Switch to enable/disable camera microphone
Backyard Motion Detection Type	Select — Pet, Human, Vehicle, All Other
Backyard Motion Detection Sensitivity	Number entity
Door Sensor (YoLink)	Contact sensor on backyard door/gate

Camera features available:

- Motion Detection (multiple type selectors)
- Siren on event
- Email on event
- FTP upload
- Push notifications

Outdoor Power

Entity	Notes
EP40M Outlet 1 (backyard)	Standard outdoor outlet
HeatTrak Mats	Heated driveway/walkway mat power

Notes / Gotchas

- The EP40M has two child outlets registered as separate devices under it. `HeatTrak Mats` is a child plug of `Outdoor Smart Plug EP40M`.
- The YoLink Door Sensor connects via the YoLink integration (cloud-based), not Zigbee or Z-Wave.
- Eufy cameras depend on the HomeBase in the basement — if the HomeBase goes offline, all Eufy entities become unavailable.

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2026-06-24

Bar

Overview

The Bar area is a dedicated home bar space on the Ground Floor with 36 entities. It features smart accent lighting (Govee color bulbs and LED strips), a Lutron dimmer for spot lights, a TP-Link KP125M smart plug for the bar sign, Govee Bluetooth temperature/humidity sensors, and a 4-button Zigbee wall switch that controls multiple zones.

Entity count: 36 | **Floor:** Ground Floor

Devices

Device	Manufacturer	Model	Integration
Bar Spot Lights	Lutron	DVRF-6L (DivaSmartDimmer)	lutron_caseta
Bar Sign	TP-Link	KP125M (energy monitoring)	tplink
Bar Shelves	TP-Link	KP125M (energy monitoring)	tplink
UnderBar Lights	Govee	H6159 (LED strip)	govee
Bar Bulb 1	Govee	H6008 (color bulb)	govee
Bar Bulb 2	Govee	H6008 (color bulb)	govee
H5075 0409	Govee	H5075 (Temp/Humidity)	govee_ble (Bluetooth)
H5075 9768	Govee	H5075 (Temp/Humidity)	govee_ble (Bluetooth)

⚠️ Note: Bar Shelves (KP125M) is assigned to the Living Room in HA but physically serves the Bar area. Bar Sign (KP125M) is correctly assigned to Bar.

Lighting

Entity	Type	Notes
Bar Spot Lights	Lutron dimmer	Overhead spot lights
Bar Sign	TP-Link KP125M	Neon/LED bar sign; energy metered
UnderBar Lights	Govee H6159 LED strip	RGB under-bar strip; Music Mode capable
Bar Bulb 1	Govee H6008	Color bulb above bar
Bar Bulb 2	Govee H6008	Color bulb above bar

Special modes:

- `UnderBar Lights Music Mode` — switch to sync lights to audio
- `Bar Bulb 1 Music Mode` — sync to music
- `Bar Bulb 2 Music Mode` — sync to music

Scenes:

- `Bar On` — activates bar lighting preset
- `Bar Off` — turns off all bar lights

4-Button Wall Switch

The Bar has a 4-button Zigbee switch that drives automations for multiple areas:

Button	Automation
Button 1	<code>Bar Switch - Button 1</code> (turns on Basement)
Button 2	<code>Bar Switch - Button 2</code> (turns off Basement)
Button 3	<code>Bar Switch - Button 3 - Kitchen Lights</code>
Button 4	<code>Bar Switch - Button 4</code>

Environment Sensors

Device	Sensors	Integration
Govee H5075 0409	Temperature, Humidity	<code>govee_ble</code> (Bluetooth)
Govee H5075 9768	Temperature, Humidity	<code>govee_ble</code> (Bluetooth)

Both sensors use BLE and connect via the Realtek Bluetooth radio on the HA host.

Energy Monitoring

Device	Notes
Bar Sign (KP125M)	Individual energy monitoring
Bar Shelves (KP125M)	Individual energy monitoring

Notes / Gotchas

- Govee Cloud integration (`govee`) has a pending HACS update (v2026.6.20) requiring restart. Govee BLE sensors (`govee_ble`) are unaffected.
- Bar Shelves is registered under `living_room` area in HA — this is a known assignment discrepancy.
- The Govee H5075 sensors connect via Bluetooth, so they require the HA host Bluetooth radio to be active. Range can be an issue if the bar is far from the HA hardware.
- The `Bar Sign Overloaded` binary sensor provides protection status from the KP125M.

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Basement

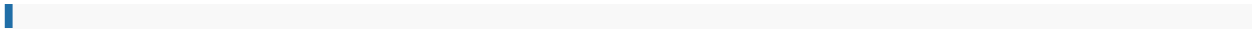
Overview

The Basement is the home's utility and exercise area on Floor B1. It houses core infrastructure including the media UPS, water softener, dehumidifier, and HVAC equipment monitoring. It also has Amazon Alexa and Fire TV for entertainment.

Entity count: 76 | **Floor:** Basement (B1)

Devices

Device	Manufacturer	Model	Integration
Basement Lights	Lutron	PD-8ANS-XX (WallSwitch)	lutron_caseta
Basement Switch 2	TP-Link	KS205	tplink
Dehumidifier_71B6	Midea	Dehumidifier	midea_dehumidifier_lan
Iqua Softener RHW4221-24178-4056	Iqua	Water Softener	iqua_softener
Basement Alexa	Amazon	Echo Dot	alexa_devices
Rajeev's TV	Amazon	Fire TV 2-Series	alexa_devices
ecobee Room Sensor (Basement)	ecobee	Room Sensor	ecobee
Hot water Heater/HRV	Emporia	VUE003	emporia_vue
Furnace	Emporia	VUE003	emporia_vue
AC	Emporia	VUE003	emporia_vue
Eufy HomeBase	Eufy Security	T8030 (firmware 3.8.3.4)	eufy_security
Eufy Living Room Camera	Eufy Security	T8416	eufy_security
Eufy Basement Camera	Eufy Security	T8410	eufy_security



Note: The Eufy Living Room and Basement cameras are physically homed to the Eufy HomeBase in the basement, though their camera views cover different areas of the house.

Lighting

Entity	Type	Integration
Basement Lights	Switch (via switch_as_x → light)	lutron_caseta + switch_as_x
Basement Entryway	Hue white lamp	hue
Basement Switch 2	TP-Link KS205 (controls basement lamp)	tplink

Automations: Basement lights are controlled via the Bar Switch (Button 1 / Button 2) and by a dedicated on/off automation triggered by switch state.

Climate & Environment

Entity	Type	Current State
ecobee Basement Room Sensor	Temperature / occupancy	Active
Dehumidifier_71B6	Humidifier/fan control	on
Dehumidifier Fan	Fan entity	on
Dehumidifier Pump	Switch	Enabled
Iqua Water Softener	Water softener	Running
Iqua Water Shutoff Valve	Switch	—

Energy Monitoring (Emporia Vue)

Circuit	Area
Hot Water Heater / HRV	Basement
Furnace	Basement
AC	Basement

Security

Device	Type	Notes
Eufy HomeBase (T8030)	Security base station	Hub for all Eufy cameras; firmware 3.8.3.4
Basement Camera (T8410)	Indoor camera	Alarm panel entity: <code>alarm_control_panel.basement</code>
Backyard Camera (T8424)	Outdoor camera	See Backyard area

Media / Voice

Device	Model	Notes
Basement Alexa	Amazon Echo Dot	Music Assistant + Alexa Devices integration
Rajeev's TV	Amazon Fire TV 2-Series	Alexa Devices integration; used as a display
Basement (MA)	Music Assistant player	Groups into "Basement" speaker group

Notes / Gotchas

- The `smarththing_sensors` integration is in `setup_retry` — LG washer/dryer are in the Laundry Room and may occasionally show as unavailable.
- Iqua Softener uses efficiency mode selector — default is set via the integration.
- The Eufy HomeBase must be online for all Eufy cameras to function; losing it takes down Living Room, Basement, Backyard, Garage, Front Door, Back Door, and Front Doorbell Chime entities.

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Bedroom (Master)

Overview

The Master Bedroom on the 3rd Floor is the most sensor-rich sleeping space with 57 entities. It contains a Lutron dimmable light, Bond ceiling fan, Dyson Pure Hot+Cool Link air purifier/heater/fan, Motionblinds top-down/bottom-up shades, Amazon Echo Show 5, an **HA Voice PE** (local voice assistant device), Aqara temperature/humidity sensor, and an ecobee room sensor.

Entity count: 57 | **Floor:** 3rd Floor

Devices

Device	Manufacturer	Model	Integration
Master Bedroom Lights	Lutron	DVRF-6L (DivaSmartDimmer)	lutron_caseta
Master Bedroom Pico	Lutron	PJ2-3BRL-GXX-X01 (Pico3ButtonRaiseLower)	lutron_caseta
Bedroom Fan	Olibra (Bond)	—	bond
Bedroom Shades	Motionblinds	TopDownBottomUp	motion_blinds
Pure Hot+Cool Link	Dyson	Model 455	dyson_local
Home Assistant Voice 0919e8	Nabu Casa	HA Voice PE (ESPHome 2026.3.2)	esphome
Bedroom (Amazon Echo Show 5)	Amazon	Echo Show 5	alexa_devices
ecobee Room Sensor (Bedroom)	ecobee	Room Sensor	ecobee
Bedroom Temp / Humidity Sensor	Aqara	Aqara Temp/Humidity Sensor (sw v5)	matter
Soil Sensor 3 (Zigbee)	Third Reality	3RSM0147Z	zha

Lighting

Entity	Type	Notes
Master Bedroom Lights (Lutron)	Dimmer	Main overhead light
Bedroom Fan (light kit)	Bond fan light	Speed + light
Home Assistant Voice 0919e8 LED Ring	Light	LED ring on Voice PE

Scene: Wake up Bedroom — gradual sunrise lighting scene.

Automation: Heat Bedroom — activates Dyson heater based on schedule/temperature.

Climate / Comfort

Entity	Notes
Bedroom Fan (Bond)	Ceiling fan; speed, direction, light
Pure Hot+Cool Link (Dyson)	Air purifier + heater + fan; HEPA filter tracked
Pure Hot+Cool Link Filter Life	Sensor — remaining filter life %
Dyson Fan	Fan entity (speed, oscillation)
ecobee Bedroom	Room temperature / occupancy
Bedroom Temp / Humidity Sensor	Aqara Matter — temperature + humidity
Bedroom Occupancy	Binary sensor

Automation: Turn off bedroom fan in X time — auto-off timer for fan.

Covers / Blinds

Entity	Type
Bedroom Shades Top	Top-down shade
Bedroom Shades Bottom	Bottom-up shade
Bedroom Shades Combined	Combined TDBU control

Voice — Home Assistant Voice PE

The **Home Assistant Voice PE** (ESPHome fw 2026.3.2) is the local voice assistant device in the Bedroom.

Entity	Notes
Home Assistant Voice 0919e8 Assist satellite	Assist satellite entity
Home Assistant Voice 0919e8 Media Player	Playback target
Home Assistant Voice 0919e8 LED Ring	Light entity
Home Assistant Voice 0919e8 Mute	Switch
Home Assistant Voice 0919e8 Wake sound	Switch
Home Assistant Voice 0919e8 Button press	Event
Home Assistant Voice 0919e8 Assistant 2	Select (pipeline selector)

The Voice PE runs openWakeWord for wake-word detection, Whisper for STT, and Piper for TTS — all locally.

Media / Voice

Device	Notes
Bedroom (Amazon Echo Show 5)	Alexa + Music Assistant player; screen display
Bedroom (MA)	Music Assistant room player
Home Assistant Voice PE	Local Assist voice pipeline

Environment

Entity	Notes
Aqara Bedroom Temp/Humidity	Temperature + Humidity (Matter via Hub M2)
Soil Sensor 3 (ZHA)	Plant moisture sensor — third bedroom plant

Notes / Gotchas

- The Dyson Pure Hot+Cool Link uses the `dyson_local` HACS integration (local LAN, not cloud). Ensure the Dyson device stays on the same subnet.
- HA Voice PE firmware updates appear as `update` entities — keep ESPHome up to date.

- The Aqara Temp/Humidity Sensor is bridged via Aqara Camera Hub G3 (Matter).

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Front Yard

Overview

The Front Yard covers the front outdoor space with 60 entities. Its primary function is irrigation management via the Orbit BHyve smart timer (4 zones), supplemented by a Reolink outdoor camera with auto-tracking, and a collection of Emporia Vue and automation-based watering duration helpers.

Entity count: 60 | **Floor:** Ground Floor

Devices

Device	Manufacturer	Model	Integration
Front Yard Tap Timer	Orbit BHyve	HT34A-0001 (firmware 107)	bhyve
Bhyve Hub	Orbit BHyve	BH1G2-0002 (firmware 0056)	bhyve
Front Yard (Reolink)	Reolink	E1 Outdoor SE PoE	reolink

Irrigation

The **Orbit BHyve HT34A** is a 4-zone smart irrigation timer connected via the Bhyve Hub.

Irrigation Zones (Valve entities)

Zone	Entity
Front Yard Shrubs	<code>valve.front_yard_tap_timer_front_yard_shrubs_zone</code>
Side Yard Garden Bed	<code>valve.front_yard_tap_timer_side_yard_garden_bed_zone</code>
Front Planters	<code>valve.front_yard_tap_timer_front_planters_zone</code>
Front Fence Planters	<code>valve.front_yard_tap_timer_front_fence_planters_zone</code>

All zones currently: **closed**

Watering Programs (Switch entities)

Program	Notes
Front Yard Shrubs smart watering	Smart schedule
Side Yard Garden Bed smart watering	Smart schedule
Front Planters smart watering	Smart schedule
Front Fence Planters moist program	Moisture-based
Germinating Program	Manual seeding schedule
Manual Water Zones	Manual override
Front Yard Watering Program	Combined front yard

Rain Delay

`switch.front_yard_tap_timer_rain_delay` — enables rain skip mode.

Smart Watering Helpers

Four sets of `input_number` + `input_datetime` helpers track watering history per zone:

Helper	Entity
Front Planters Last Watered	<code>input_datetime.front_planters_last_watered</code>
Front Planters Last Run Duration	<code>input_number.front_planters_last_run_duration</code> (min)
Front Yard Shrubs Last Watered	<code>input_datetime.front_yard_shrubs_last_watered</code>
Front Yard Shrubs Last Run Duration	<code>input_number.front_yard_shrubs_last_run_duration</code> (min)
Front Fence Planters Last Watered	<code>input_datetime.front_fence_planters_last_watered</code>
Front Fence Planters Last Run Duration	<code>input_number.front_fence_planters_last_run_duration</code> (min)
Side Yard Garden Bed Last Watered	<code>input_datetime.side_yard_garden_bed_last_watered</code>
Side Yard Garden Bed Last Run Duration	<code>input_number.side_yard_garden_bed_last_run_duration</code> (min)

Automations (4): One per zone — track last watered timestamp and duration after each cycle completes.

Camera

Device	Notes
Front Yard (Reolink E1 Outdoor SE PoE)	Firmware v3.1.0.5223_2510172104

Features: Auto-tracking, Guard return, AI motion detection (Vehicle, Human, Pet), Infrared night mode, FTP/Email/Push notifications, Siren on event.

Sensors

Entity	Notes
Front Yard Tap Timer Next watering	Sensor showing next scheduled run
Front Yard Tap Timer Fault	Binary sensor
Front Yard Vehicle	Binary sensor (Reolink AI)
Bhyve Hub Connected	Binary sensor

Notes / Gotchas

- The Plants dashboard is linked to soil sensor data from the Zigbee2MQTT-based Third Reality Gen2 soil sensors (Outdoor1, Outdoor2, Outdoor3 Gen2) — these are currently unassigned to a specific area but physically in the front yard garden.
- The `bhyve` integration was recently added (entry ID: `01K3V102B7MY0TPYPRP67G7M15`). Ensure the Bhyve Hub stays connected.
- Watering duration helpers store data from HA automations — they are the source of truth for the Plants dashboard watering history.

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Garage

Overview

The Garage is the most entity-rich area in the home with 117 entities. It contains a RATGDO-controlled garage door opener, an Aqara smart lock, a Reolink Driveway floodlight camera, Eufy Garage camera, Lutron wall switch lighting, Amazon Echo Dot, and motion sensors — all with robust automation coverage.

Entity count: 117 | **Floor:** Ground Floor

Devices

Device	Manufacturer	Model	Integration
Garage Lights (Lutron)	Lutron	PD-8ANS-XX (WallSwitch)	lutron_caseta
ratgdov2.5i e4d21f	ratgdo	ESPHome 2023.12.9	esphome
Garage Door Ratgdo (TP-Link)	TP-Link	KP401	tplink
Garage Smart Lock	Aqara	Smart Lock U100	matter
Driveway (Reolink)	Reolink	Elite Pro Floodlight PoE	reolink
Garage (Eufy Camera)	Eufy Security	T8441	eufy_security
Garage Motion Sensor	Aqara	Motion Sensor P1	matter
Garage (Amazon Echo Dot)	Amazon	Echo Dot	alexa_devices

Garage Door

Controlled by **RATGDO v2.5i** (ESPHome firmware 2023.12.9) via local LAN.

Entity	Type	Notes
Garage Door	Cover	Open/close/stop control
RATGDO Power Switch	Switch	Power toggle for RATGDO module

Entity	Type	Notes
Garage Door Ratgdo LED	Switch	Status LED
ratgdov2.5i e4d21f Lock remotes	Lock	Remote lock/enable state
Garage Door Light	Light	Garage opener light via RATGDO

Automations:

- `Garage Door Opening Lights` — turns on garage lights when door opens
- `Notify if Garage Door open` — sends notification if door left open

Lighting

Entity	Type
Garage Lights	Lutron PD-8ANS switch (via switch_as_x → light)
Driveway Floodlight	Reolink floodlight (on/off)
Driveway Status LED	Reolink camera status LED
Garage Door Light	RATGDO-controlled opener light

Automation: `Motion Activation Garage` — motion sensor triggers garage lights.

Security

Aqara Smart Lock U100 (Matter)

- State: `unlocked` (as of last check)
- Bridged via Aqara Hub M2
- `Garage Smart Lock Actuator` — binary sensor for bolt state
- `Garage Smart Lock Operating mode` — select entity

Reolink Driveway Floodlight Camera

- Model: Elite Pro Floodlight PoE
- Firmware: v3.2.0.5932_2601201959
- Entities: Driveway (camera), Driveway Fluent (RTSP), Floodlight, Siren, Motion detection, AI detection (Vehicle, Pet, Human, etc.)

- **Vehicle detection** binary sensor: `Front Yard Vehicle`, `Driveway Vehicle` — actively used

Eufy Garage Camera (T8441)

- Firmware: 2.1.0.2
- `alarm_control_panel.garage` (`armed_home`)
- Motion, Pet, Person detection notifications
- RTSP stream available

Aqara Motion Sensor P1 (Matter)

- Entity: `Garage Motion Sensor Occupancy`
- Bridged via Aqara Camera Hub G3

Voice / Media

Device	Notes
Garage (Amazon Echo Dot)	Music Assistant player; Alexa Devices
Garage (MA)	Music Assistant group player

Notes / Gotchas

- The `ratgdov2.5i` ESPHome device has no HA area assigned in the device registry — entities are correctly assigned to `garage` area but the parent device shows `area_id: null`.
- Two separate Garage Smart Lock entities exist: one via Matter (Aqara Smart Lock U100) and the `ratgdov2.5i e4d21f Lock remotes` (which controls RATGDO's remote access, not the door lock itself).
- The Reolink Driveway camera uses the `reolink` native integration (not RTSP-only) — this provides full motion detection, AI detection, siren, and floodlight control.

Last Updated

2026-06-24

Guest Bathroom

Overview

The Guest Bathroom is a small area with 5 entities. Its primary smart function is water leak detection via an Aqara Water Leak Sensor (Matter).

Entity count: 5 | **Floor:** 2nd Floor

Devices

Device	Manufacturer	Model	Integration
Guest Bathroom Water Leak Sensor	Aqara	Aqara Water Leak Sensor (sw v6)	matter

Sensors

Entity	Type	Notes
Guest Bathroom Water Leak Sensor Water leak	Binary sensor	Triggers <code>Water Leak Alert</code> automation
Guest Bathroom Water Leak Sensor Battery	Sensor	CR2032
Guest Bathroom Water Leak Sensor Battery voltage	Sensor	—
Guest Bathroom Water Leak Sensor Battery type	Sensor	—

Automation

The `Water Leak Alert` automation monitors all Aqara Water Leak Sensors (including this one) and sends a notification if water is detected.

Notes / Gotchas

- This sensor is bridged via the Aqara Camera Hub G3 (Matter). If the Hub G3 is offline, the sensor becomes unavailable.
- Battery replacement is CR2032; monitor the Battery sensor entity for low levels.

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2026-06-24

Guest Bedroom

Overview

The Guest Bedroom is a comfortable secondary bedroom on the 2nd Floor with 22 entities. It has Lutron dimmable lights, a Bond-controlled ceiling fan, Motionblinds motorized top-down/bottom-up shades, an ecobee room sensor, and an Amazon Echo Dot.

Entity count: 22 | **Floor:** 2nd Floor

Devices

Device	Manufacturer	Model	Integration
Guest Bedroom Lights	Lutron	DVRF-6L (DivaSmartDimmer)	lutron_caseta
Guest Bedroom Pico	Lutron	PJ2-1P-GXX (PaddleSwitchPico)	lutron_caseta
Guest Fan	Olibra (Bond)	—	bond
Guest Bedroom Shades	Motionblinds	TopDownBottomUp	motion_blinds
Guest (Amazon Echo Dot)	Amazon	Echo Dot	alexa_devices
ecobee Room Sensor (Guest Bedroom)	ecobee	Room Sensor	ecobee

Lighting

Entity	Type
Guest Bedroom Lights	Lutron DVRF-6L dimmer
Guest Fan (light kit)	Bond fan with light

Climate / Comfort

Entity	Notes
Guest Fan	Bond ceiling fan (speed, direction, light)
ecobee Guest Bedroom	Room temperature / occupancy sensor
Guest Bedroom Occupancy	Binary sensor

Covers / Blinds

Entity	Type
Guest Bedroom Shades Top	Top-down shade
Guest Bedroom Shades Bottom	Bottom-up shade
Guest Bedroom Shades Combined	Combined TDBU control

Voice / Media

Device	Notes
Guest (Amazon Echo Dot)	Alexa + Music Assistant player
Guest (MA)	Music Assistant room group

Notes / Gotchas

- Guest Mode helper (`input_boolean.guest_mode`) is available system-wide to adjust automations when guests are present.

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Hallway

Overview

The Hallway is a transition space on the 2nd Floor with 6 entities. It has a Lutron dimmable light, a Pico remote, and an Aqara Motion Sensor P1 for motion-activated lighting.

Entity count: 6 | **Floor:** 2nd Floor

Devices

Device	Manufacturer	Model	Integration
Hallway Lights	Lutron	DVRF-6L (DivaSmartDimmer)	lutron_caseta
Hallway Pico	Lutron	PJ2-1P-GXX (PaddleSwitchPico)	lutron_caseta
Hallway Aqara Motion Sensor P1	Aqara	Motion Sensor P1 (sw v10)	matter

Lighting

Entity	Type
Hallway Lights	Lutron dimmer

Motion

Entity	Notes
Hallway Aqara Motion Sensor P1 Occupancy	Binary sensor

Automation: Motion Activation Hallway Lights — turns on hallway lights on motion.

Automation: Link hallway lights to upstairs when turning on lights — syncs hallway and upstairs hallway lights.

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Kitchen

Overview

The Kitchen has 76 entities and is one of the most device-dense areas. It contains a smart lock, multiple Lutron dimmers, motorized blinds, LG refrigerator, GE Profile smart oven, an Amazon Echo for voice control, and extensive Emporia Vue energy monitoring across individual appliance circuits.

Entity count: 76 | **Floor:** Ground Floor

Devices

Device	Manufacturer	Model	Integration
Kitchen Smart Lock	Aqara	Smart Lock U100	matter
Kitchen Lights	Lutron	DVRF-6L (DivaSmartDimmer)	lutron_caseta
Kitchen Under Cabinet	Lutron	DVRF-6L (DivaSmartDimmer)	lutron_caseta
Kitchen Pico 1	Lutron	PJ2-1P-GXX (PaddleSwitchPico)	lutron_caseta
Kitchen Cabinet Pico	Lutron	PJ2-1P-GXX (PaddleSwitchPico)	lutron_caseta
Kitchen Blinds	Motionblinds	RollerBlind	motion_blinds
Refrigerator	LG	2REF11EICD__2-FD (REFRIGERATOR)	smarththing_sensors
GE Profile Oven SRHV558129P	GE Profile	PCHS920YM3FS	ge_home
Kitchen (Alexa)	Amazon	Echo (4th gen)	alexa_devices
Kitchen Appliances	Emporia	VUE003	emporia_vue
Microwave	Emporia	VUE003	emporia_vue
Stove	Emporia	VUE003	emporia_vue
Fridge	Emporia	VUE003	emporia_vue

Device	Manufacturer	Model	Integration
Kitchen Plugs	Emporia	VUE003	emporia_vue
Kitchen Plug	Emporia	VUE003	emporia_vue
Dishwasher	Emporia	VUE003	emporia_vue

Lighting

Entity	Type	Notes
Kitchen Lights	Lutron dimmer	Main overhead lights
Kitchen Under Cabinet	Lutron dimmer	Under-cabinet accent
Kitchen Pico 1	Pico remote	Paddle switch remote
Kitchen Cabinet Pico	Pico remote	Cabinet area control

Automation: Bar Switch - Button 3 - Kitchen Lights — Bar 4-button switch Button 3 triggers kitchen lights.

Security / Access

Entity	Notes
Kitchen Smart Lock (Aqara U100)	Matter lock; lock.kitchen_smart_lock
Kitchen Smart Lock Actuator	Binary sensor showing physical bolt state

Automation: Smart Lock Unlocked 30 Min Alert — notifies if any smart lock remains unlocked for 30+ minutes.

Covers / Blinds

Entity	Type
Kitchen Blinds	Motionblinds RollerBlind

Appliances

LG Refrigerator

- Model: 2REF11EICD__2-FD
- Integration: `smarththing_sensors` (HACS) — currently in `setup_retry`; entities may be intermittently unavailable
- Climate entities: `Fridge` and `Freezer` (temperature control)

GE Profile Oven

- Model: PCHS920YM3FS
- Integration: `ge_home` (HACS)
- Entities: Cook Mode sensor, Oven water heater entity
- **Note:** `ge_home` has a pending HACS update (v2026.2.1) requiring HA restart

Voice

Device	Notes
Kitchen (Amazon Echo)	Alexa Devices integration; Music Assistant player

Energy Monitoring (Emporia Vue)

Circuit	Notes
Kitchen Appliances	General kitchen plug load
Microwave	Individual circuit
Stove	Individual circuit
Fridge	Individual circuit
Kitchen Plugs	Counter plug strip
Kitchen Plug	Single outlet
Dishwasher	Individual circuit

“ The Kitchen has the most granular energy monitoring in the home — 7 separate Emporia Vue circuits covering every major appliance.

Notes / Gotchas

- `smarththing_sensors` is in `setup_retry` status — LG appliance data may be stale or unavailable until the add-on is updated and HA is restarted.
- The `ge_home` integration requires a restart after the pending HACS update.
- The Kitchen Smart Lock (Aqara U100) is bridged via the Aqara Hub M2 (Matter). If the Hub M2 goes offline, the lock entity becomes unavailable — but the physical lock still works mechanically.
- `Kitchen Cabinet Pico` has no floor assignment (`area_id: null`) — this is a cosmetic registration issue; the device is physically in the kitchen.

Last Updated

2026-06-24

Laundry Room

Overview

The Laundry Room is on the 2nd Floor with 34 entities. It contains an LG WashTower (combined washer/dryer unit) monitored via SmartThinQ, plus Emporia Vue energy monitoring for both washer and dryer circuits.

Entity count: 34 | **Floor:** 2nd Floor

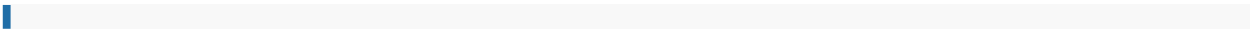
Devices

Device	Manufacturer	Model	Integration
WashTower (Dryer)	LG	W3S1CVK2EVS_D_US-Dryer (TOWER_DRYER)	smarththing_sensors
Washer	LG	F3S1CWK__-FL (TOWER_WASHER)	smarththing_sensors
Washer (Emporia)	Emporia	VUE003	emporia_vue
Dryer (Emporia)	Emporia	VUE003	emporia_vue

Appliances

LG WashTower

- **Washer:** TOWER_WASHER (F3S1CWK__-FL) — firmware clip_hna_v1.9.226
- **Dryer:** TOWER_DRYER (W3S1CVK2EVS_D_US) — firmware clip_hna_v1.9.226
- Integration: `smarththing_sensors` (HACS) — currently in `setup_retry`
- Entities include: Dry level (sensor), wash/dry mode selectors, run state



Note: `smarththing_sensors` has a pending HACS update (v0.43.0) and is in `setup_retry` — washer/dryer entities may be unavailable until updated and HA restarted.

Energy Monitoring (Emporia Vue)

Circuit	Notes
Washer	Individual circuit monitoring
Dryer	Individual circuit monitoring

Notes / Gotchas

- The `smarththing_sensors` integration needs a restart after the pending HACS update (v0.43.0). Until then, LG appliance sensors may be unavailable.
- Emporia Vue circuits for washer/dryer provide power monitoring independently of SmartThinQ — even if SmartThinQ fails, energy data continues.

Last Updated

2026-06-24

Living Room

Overview

The Living Room is the primary common area on the Ground Floor. It is the most entity-rich ground-floor room (94 entities) and contains the main TV, ecobee thermostat, Apple TV 4K, ceiling fan, motorized blinds, and multiple smart lighting circuits.

Entity count: 94 | **Floor:** Ground Floor

Devices

Device	Manufacturer	Model	Integration
Samsung Frame 55	Samsung	QN55LS03BAFXZC	samsungtv_smart + samsungtv + smartthings
Apple TV 4K (Gen 3)	Apple	Apple TV 4K Gen3 (26.5)	apple_tv
ecobee Smart Thermostat Premium	ecobee	ecobee Smart Premium	ecobee
Living Room fan	Olibra (Bond)	—	bond
Living Room Lamp Switch	TP-Link	KS205	tplink
Bar Shelves	TP-Link	KP125M (energy monitoring)	tplink
Christmas Lights	TP-Link	HS103	tplink
Living Room Blinds	Motionblinds	RollerBlind	motion_blinds
Living Room Main Spot Lights	Lutron	DVRF-6L (DivaSmartDimmer)	lutron_caseta
Living Room Powder Room Entry	Lutron	DVRF-6L (DivaSmartDimmer)	lutron_caseta
Living Room Pico	Lutron	PJ2-3BRL-GXX-X01 (Pico3ButtonRaiseLower)	lutron_caseta
Samsung Soundbar S60B	Samsung	HW-S61B	alexa_devices + smartthings

Device	Manufacturer	Model	Integration
Rajeev's Samsung Soundbar S60B	Amazon (Alexa)	Samsung Soundbar S60B	alexa_devices
YoLink Speaker Hub	YoLink	SpeakerHub	yolink
4 Scene Switch	Tuya	TS0044 (4-button)	zha
Soil sensor 2	Third Reality	3RSM0147Z	zha
Living Room 4 Button Switch (Z2M)	Tuya	Wireless 4-button	zigbee2mqtt
Living Room Gen1 Soil Sensor (Z2M)	Third Reality	Smart Soil Moisture Sensor	zigbee2mqtt
Main Floor Plugs	Emporia	VUE003	emporia_vue
Main Floor Lights	Emporia	VUE003	emporia_vue

Lighting

Entity	Type	Notes
Living Room Main Spot Lights	Lutron dimmer	Main overhead lighting
Living Room Powder Room Entry	Lutron dimmer	Entry/powder room transition
Living Room Lamp Switch	TP-Link KS205	Controls floor lamp; automation on/off
Christmas Lights Living Room	Zigbee plug (Z2M)	Seasonal; Third Reality plug
Bar Shelves	TP-Link KP125M	Under-bar/shelf accent lights (energy metered)

Scenes:

- Living Room Bright
- Living Room Guest
- Living Room Off
- Living Room Partial

Automations:

- Living Room Lamps On Automation

 — turns on lamp switch
- Living Room Lamps Off Automation

 — turns off lamp switch

Climate

Entity	Notes
ecobee Smart Thermostat Premium	Primary whole-home thermostat; cooling active (<code>cool</code> mode)
Living Room fan (Bond)	Ceiling fan speed control

Media

Device	Notes
Samsung Frame 55	Main TV; triple-integrated (SamsungTV Smart, SamsungTV native, SmartThings)
Apple TV 4K Gen3 (tvOS 26.5)	Primary streaming device; firewall/network managed
Living Room (Music Assistant)	MA player — Apple TV 4K as audio target
Living Room soundbar (HW-S61B)	Samsung soundbar via SmartThings + Alexa
Rajeev's Samsung Soundbar S60B	Alexa-accessible version of same device

Covers / Blinds

Entity	Type
Living Room Blinds	Motionblinds RollerBlind

Energy Monitoring (Emporia Vue)

Circuit	Notes
Main Floor Plugs	General plug load
Main Floor Lights	Lighting circuits

Presence / Sensors

Entity	Notes
Living Room Occupancy	Binary sensor (ecobee room sensor)

Notes / Gotchas

- The Samsung Frame 55 is registered three times in HA (SamsungTV Smart, native SamsungTV via zeroconf, and SmartThings). The `samsungtv_smart` entry (`c5aba40a`) is the primary control path with full feature support.
- The 4-button Tuya scene switch (ZHA) and the Zigbee2MQTT version of the same device (`Living Room 4 Button Switch`) are separate device registrations — they represent the same physical device bridged through different Zigbee paths.
- Bar Shelves (KP125M) has energy monitoring — useful for tracking bar/accent light power draw.

Last Updated

2026-06-24

Master Bathroom

Overview

The Master Bathroom is on the 3rd Floor with 20 entities. The primary smart devices are two TP-Link KS205 smart switches: one controlling a towel heater (for heated towel rail) and one for a shower timer/exhaust switch.

Entity count: 20 | **Floor:** 3rd Floor

Devices

Device	Manufacturer	Model	Integration
Bathroom Towel Heater	TP-Link	KS205	tplink
Bathroom Shower Switch	TP-Link	KS205	tplink

Switches

Entity	Notes
Bathroom Towel Heater	Smart switch for heated towel rail
Bathroom Towel Heater Auto-off enabled	Auto-off timer feature
Bathroom Shower Switch	Smart switch for shower exhaust or secondary circuit
Bathroom Shower Switch Turn off in	Number entity — auto-off timer (minutes)

Notes / Gotchas

- Both KS205 switches support auto-off timers — the Bathroom Shower Switch Turn off in number entity sets the auto-off duration.

- These switches do not currently have automation coverage — they are manually controlled or scheduled.

Last Updated

2026-06-24

Media Room

Overview

The Media Room is the entertainment hub of the home and has the highest entity count of any room at 123 entities. It contains a full Philips Hue lighting setup (11 bulbs + Hue dimmer), Lutron SmartBridge 2 (whole-home Lutron hub), Sony BRAVIA TV, Samsung Soundbar Q930B, Motionblinds motorized shades, Bond Bridge ceiling fan, ecobee room sensor, CPS UPS, Xbox, LetPot hydroponic gardens, VLC media player, and a downstairs Aqara motion sensor.

Entity count: 123 | **Floor:** 2nd Floor

Devices

Device	Manufacturer	Model	Integration
Smart Bridge 2 (Lutron Hub)	Lutron	L-BDGPRO2-WH (SmartBridge)	lutron_caseta
Jeeves Hue (Bridge)	Signify	Hue Bridge (fw 1.77)	hue
Media Room Shades	Motionblinds	TopDownBottomUp	motion_blinds
Motionblinds Gateway	Motionblinds	Wi-Fi bridge (A1.1.5)	motion_blinds
My Bridge (Bond)	Olibra	zermatt-2 (fw v4.29.42)	bond
Ceiling fan	Olibra (Bond)	—	bond
BRAVIA 4K UR2	Sony	BRAVIA 4K UR2	androidtv_remote + cast + dlna_dmr
Bell Streamer	—	Bell Streamer (Cast)	cast
Media Room Soundbar (Q930B)	Samsung	HW-Q930B	smarththings
Rajeev's Samsung Soundbar	Samsung	HW-Q930B	alexa_devices
ecobee Room Sensor (Media Room)	ecobee	Room Sensor	ecobee
Media Room UPS	CPS	CP1500AVRLCDa (BF01512B6L1)	nut

Device	Manufacturer	Model	Integration
Hue dimmer switch 2	Signify	Hue dimmer switch (fw 2.85.1)	hue
Xbox (jeeves54)	Microsoft	Xbox Network	xbox
LetPot Chrome 1 - Right	LetPot	LetPot Senior	letpot
LetPot Chrome 2 - Left	LetPot	LetPot Senior	letpot
VLC-TELNET	VideoLAN	VLC via Telnet	vlc_telnet
Downstairs Motion Sensor	Aqara	Motion Sensor P1	matter
2nd Floor Plugs	Emporia	VUE003	emporia_vue

Hue Lighting

The Media Room has the most extensive Hue lighting in the home — 11 Philips Hue devices.

Device	Model	Type
Color Lamp 1	Hue color lamp	Color
Color Lamp 2	Hue color lamp	Color
Colour Lamp 3	Hue color lamp	Color
Hue color lamp 2	Hue color lamp	Color
Ceiling White Lamp 1	Hue white lamp	White
Ceiling White Lanp 2	Hue white lamp	White
Media Room Ceiling Lamp 3	Hue white lamp	White
Hue play 1	Hue play	Color Gradient
Hue play 2	Hue play	Color Gradient
Hue bloom 1	Hue bloom	Color
Media room (Hue Room group)	Room group	All media room Hue lights

Hue Dimmer Switch 2 controls media room Hue lighting with 4 buttons.

Hue Automation: Jeeves Hue Automation: Hue dimmer switch 2 and Jeeves Hue Automation: Leaving home — managed by Hue app but exposed in HA.

Hue Entertainment: Jeeves Hue Entertainment area 1 binary sensor tracks active Hue Entertainment (Sync Box / game/movie sync).

Hue Scenes (Media Room — 18 scenes): Tropical twilight · Relax · Energize · Read · Bright · Rio · Nightlight · Concentrate · Epic Movie Night · Dimmed · Savanna sunset · Movie Night · Arctic aurora

Lutron Scenes (Smart Bridge 2 — for Media Room): Night · Notifications · Garage · Off garage · Movie downstairs

Media / AV

Device	Notes
BRAVIA 4K UR2	Sony Android TV; triple-integrated (AndroidTV Remote, Cast, DLNA DMR)
Bell Streamer	Bell Fibe streaming box (Cast)
Media Room Soundbar (Q930B)	Samsung soundbar via SmartThings
Rajeev's Samsung Soundbar	Same device via Alexa Devices
VLC-TELNET	VLC media player add-on (core_vlc); <code>media_player.vlc_telnet</code>
Xbox (jeeves54)	Xbox Series via Xbox integration
BRAVIA 4K UR2 (Music Assistant)	Sony TV as Music Assistant player
Soundbar (Music Assistant)	Q930B as Music Assistant player
Media Room (MA)	Music Assistant room player
Rajeev's Samsung Soundbar (MA)	MA Q930B group

Motorized Shades

Entity	Type
Media Room Shades Top	Top-down shade
Media Room Shades Bottom	Bottom-up shade
Media Room Shades Combined	Combined TDBU control

Environment / Sensors

Entity	Notes
ecobee Media Room	Temperature / occupancy room sensor
Media Room Occupancy	Binary sensor
Downstairs Motion Sensor	Aqara P1 — covers media room/stairway area
Media Room UPS Load	Sensor — % load on UPS
Media Room UPS (full)	NUT integration; battery, load, runtime, voltage

Power

Entity	Notes
Media Room UPS (CPS CP1500AVRLCD)	1500VA UPS; NUT integration; protects AV equipment
<code>sensor.media_room_ups_load</code>	Real-time load %
2nd Floor Plugs (Emporia)	Energy monitoring for 2nd floor outlets

Automation: `UPS Power Outage Notification` — alerts when UPS switches to battery.

Notes / Gotchas

- The Lutron SmartBridge 2 (`0024fcfce6e52a4465c4fbadc16d4ef2`) is assigned to the Media Room but serves as the hub for ALL Lutron Caseta devices in the whole home.
- BRAVIA 4K UR2 appears multiple times in device registry: Cast, AndroidTV Remote, DLNA DMR, and Music Assistant — each integration sees it separately.
- The `letpot` integration is in `setup_retry` — LetPot plant lights may intermittently drop.
- VLC-TELNET provides a local audio output target for TTS and Music Assistant.

Last Updated

2026-06-24

Office

Overview

The Office is on the 3rd Floor with 48 entities. It contains a Lutron dimmer, Bond ceiling fan, Motionblinds top-down/bottom-up shades, an ecobee room sensor, Amazon Echo Dot with Clock, Xerox printer, AdGuard Home network-level DNS blocker, HACS device tracker, SpeedTest, Govee Cloud integration gateway, and Emporia Vue energy monitoring.

Entity count: 48 | **Floor:** 3rd Floor

Devices

Device	Manufacturer	Model	Integration
Office Lights	Lutron	DVRF-6L (DivaSmartDimmer)	lutron_caseta
Office Fan	Olibra (Bond)	—	bond
Office Shades	Motionblinds	TopDownBottomUp	motion_blinds
Office Dot Clock	Amazon	Echo Dot with Clock	alexa_devices
ecobee Room Sensor (Office)	ecobee	Room Sensor	ecobee
SpeedTest	—	speedtestdotnet	speedtestdotnet
Uptime	—	uptime	uptime
HACS	hacs.xyz	v2.0.5	hacs
Govee Integration	Govee	Cloud API	govee
AdGuard Home	AdGuard Team	v0.107.74	adguard
Xerox B205	Xerox	B205 Multifunction	ipp (setup_retry)
Third Floor Plugs	Emporia	VUE003	emporia_vue

Lighting

Entity	Type
Office Lights	Lutron dimmer
Office Fan (light kit)	Bond fan light

Climate / Comfort

Entity	Notes
Office Fan (Bond)	Ceiling fan
ecobee Office	Room temperature / occupancy sensor
Office Occupancy	Binary sensor

Covers / Blinds

Entity	Type
Office Shades Top	Top-down shade
Office Shades Bottom	Bottom-up shade
Office Shades Combined	Combined TDBU

Network / Infrastructure

Device	Notes
AdGuard Home (v0.107.74)	DNS-based ad/tracker blocker; query logging; <code>adguard</code> integration
SpeedTest	Periodic internet speed tests (<code>speedtestdotnet</code>)
Uptime	HA instance uptime sensor
HACS (v2.0.5)	Home Assistant Community Store — manages custom integrations and frontend cards

AdGuard entities:

- `switch.adguard_home_protection` — master toggle
- `switch.adguard_home_parental_control`

- `switch.adguard_home_safe_search`
- `switch.adguard_home_safe_browsing`
- `switch.adguard_home_filtering`
- `switch.adguard_home_query_log`
- `sensor.adguard_home_dns_queries_blocked_ratio`

Voice / Media

Device	Notes
Office Dot Clock (Amazon Echo Dot w/ Clock)	Clock display + Alexa + Music Assistant
Office Dot Clock (MA)	Music Assistant player

Printer

Device	Notes
Xerox B205 Multifunction Printer	IPP integration; currently in <code>setup_retry</code> — may need network check

Energy Monitoring

Circuit	Notes
Third Floor Plugs	Emporia Vue VUE003 — 3rd floor outlet load

Notes / Gotchas

- The Xerox B205 printer (`ipp` integration) is in `setup_retry` — likely an intermittent network connection issue. Check that the printer IP is static/reserved.
- Govee Cloud Integration gateway device is registered to the Office area, but actual Govee lights (Bar Bulbs, UnderBar Lights) are in the Bar area.

Last Updated

2026-06-24

Patio

Overview

The Patio is a small outdoor entertaining area on the Ground Floor with 12 entities. It has a TP-Link KS205 switch (Porch light), a Lutron pendant dimmer, and a few associated switches.

Entity count: 12 | **Floor:** Ground Floor

Devices

Device	Manufacturer	Model	Integration
Porch	TP-Link	KS205	tplink + switch_as_x
Living Room Pendants	Lutron	DVRF-6L (DivaSmartDimmer)	lutron_caseta

Lighting

Entity	Type	Notes
Porch	TP-Link KS205 → light (switch_as_x)	Porch/patio light; auto-off capable
Living Room Pendants	Lutron dimmer	Patio-adjacent pendant lights

TP-Link Porch features:

- `Porch Auto-off enabled` — timed auto-off
- `Porch Auto-update enabled`
- `Porch LED` — status indicator

Notes / Gotchas

- "Living Room Pendants" (Lutron) is registered under the `patio` `area_id` — this is because these pendants are physically on the patio side of the living/patio space.
- The Porch KS205 is exposed as both a `switch` and a `light` via the `switch_as_x` integration (entry ID: `01KGVC6667EY13D9V1M4F47RN2`).

Last Updated

2026-06-24

Upstairs Hallway

Overview

The Upstairs Hallway connects the 3rd Floor rooms with 6 entities. It has a Lutron dimmable light, Aqara Motion Sensor P1, and a Zigbee2MQTT smart plug (used as a repeater/switch in the hallway).

Entity count: 6 | **Floor:** 3rd Floor

Devices

Device	Manufacturer	Model	Integration
Upstairs Hallway Lights	Lutron	DVRF-6L (DivaSmartDimmer)	lutron_caseta
Upstairs Motion Sensor	Aqara	Motion Sensor P1 (sw v10)	matter
Upstairs Hallway Switch	Third Reality	Zigbee/BLE smart plug	zigbee2mqtt

Lighting

Entity	Type
Upstairs Hallway Lights	Lutron dimmer
Upstairs Hallway Switch	Zigbee2MQTT smart plug (outlet control)

Motion

Entity	Notes
Upstairs Motion Sensor Occupancy	Binary sensor

Automation: `Motion Activation Upstairs Hallway 2` — triggers upstairs hallway lights on motion.

Automation: Link hallway lights to upstairs when turning on lights — coordinates 2nd and 3rd floor hallway lights.

Notes / Gotchas

- The Upstairs Hallway Switch (Third Reality Zigbee plug) via Zigbee2MQTT acts as a Zigbee mesh router in addition to its switch function — helps extend Zigbee coverage to the 3rd floor.

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