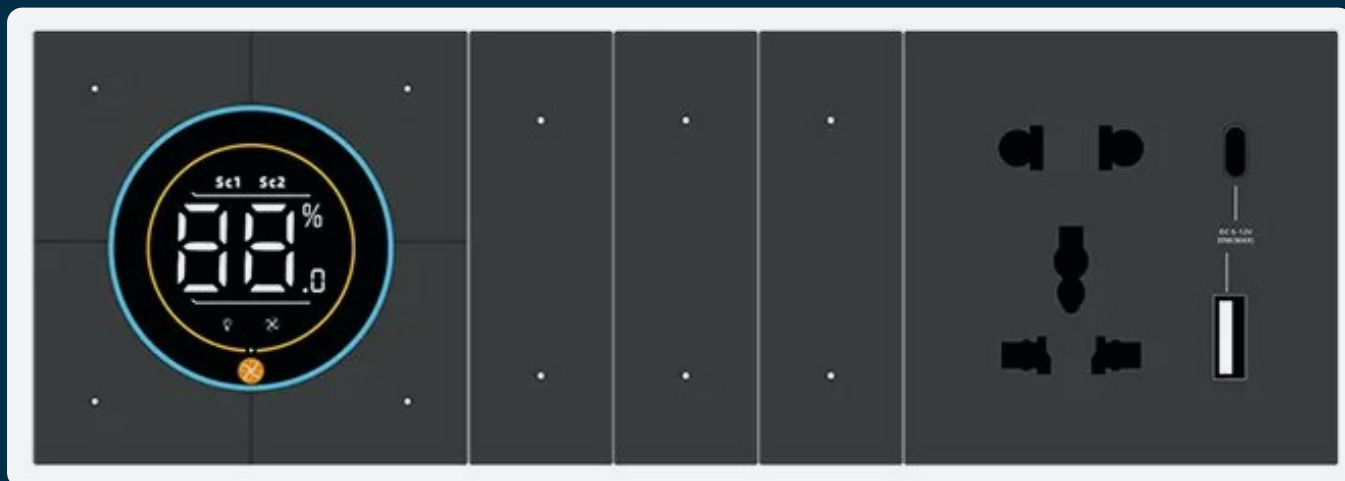
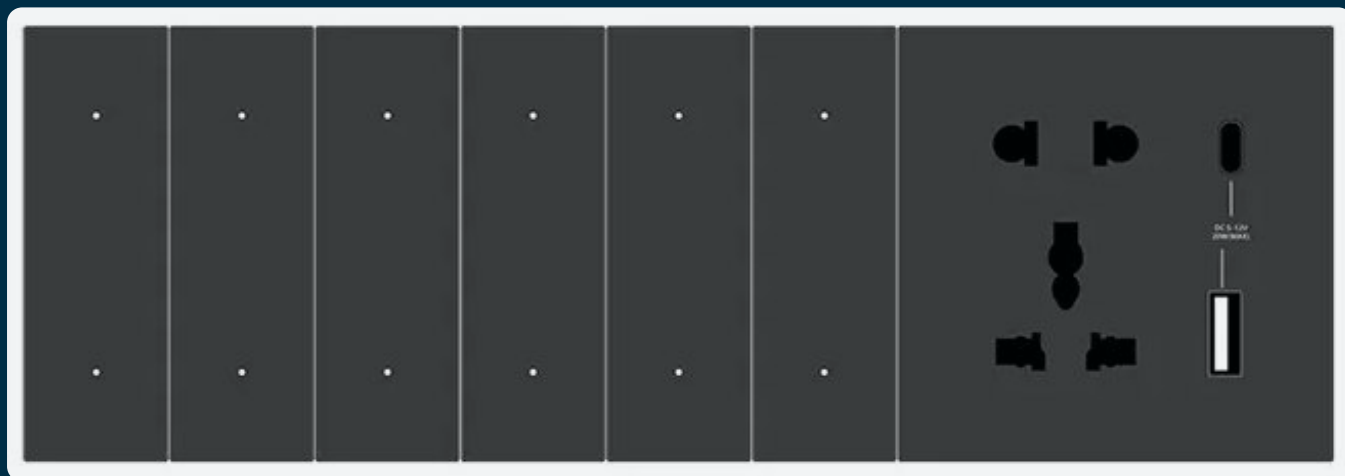


Smart switches, control panels & sensors.

A single Zigbee 3.0 and Wi-Fi ecosystem for homes, villas, apartments and hotels
— AG glass touch panels in 2, 4 and 6/8 module plates, 4" to 10.1" control
panels, ceiling sensors, water management and door intercom.



HOW IT GOES TOGETHER

Three parts, one plate

Every Hawaii wall plate is assembled from three parts. Choose the plate size, drop in the key modules the room needs, then pick the finish. The same power body carries lighting, curtains, dimming, a socket or a gateway — so a room can be re-planned without re-wiring.

01

Power Body

Tuya Zigbee relay block sized 2, 4 or 6/8 module. 110–250 V AC, LED load 300 W, resistive load up to 605 W. Sits in the back box.

+

02

Key Control Module

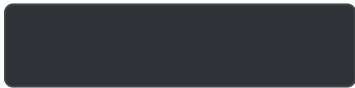
1, 2, 4 or 6 key AG-glass face — or a rotary dimmer, a curtain key, a universal socket, or the Zigbee & BLE gateway face.

+

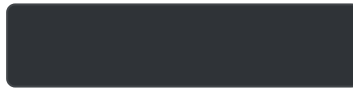
03

Finish

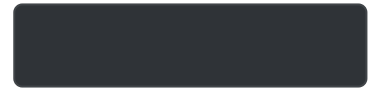
AG glass, aluminium or PC in the room's colour. Laser-etched icons and backlit key dots are specified per key.

Plate sizes**2 Module**

2MD
3 × 3 in · ≈ 86 × 86 mm
Square face. One key module.

**4 Module**

4MD
5 × 3 in · ≈ 127 × 86 mm
Two bays — keys, socket or gateway.

**6/8 Module**

6MD / 8MD
8 × 3 in · ≈ 203 × 86 mm
Three bays. Up to 12 keys.

Networks**Zigbee 3.0**

Mesh backbone for switches, sockets, curtain motors and battery sensors. Every gateway panel extends the mesh.

Wi-Fi & BLE

Control panels, ceiling sensors and IR blasters. BLE handles fast commissioning from the phone app.

Wired RJ45

Available on the 10.1" panel for intercom video and rock-steady dashboards in large installations.

SPECIFIED PER PLATE

Materials & colours

Faces are specified per plate, so a corridor run and a living room can share electrical design and differ entirely in finish. Anti-glare (AG) glass is the standard face for key modules, dimmers, sockets and gateways.

AG Glass

Grey



White



Black

Aluminium

Grey



Blue

PC (Plastic)

White



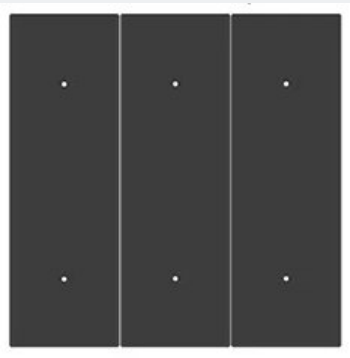
Black



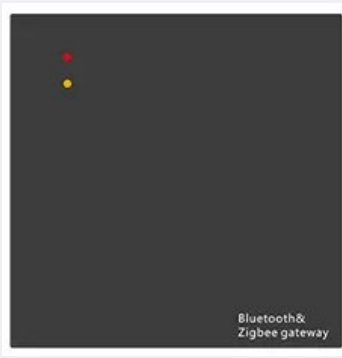
Grey

Key dots & backlight

Each key carries a pin-point indicator that stays dim at night and brightens on touch. Circuit icons can be laser-etched per key from the planner icon library — light, fan, appliance, curtain, scene and socket groups.



6 Key · AG Glass Grey



Gateway face · AG Glass Grey



Socket + Type-C · AG Glass Grey

ZIGBEE 3.0 • 110-250 V AC

2 Module

The square 86 mm plate — one key module in a standard back box. Up to six keys, or a rotary dimmer with a round level readout.



1 Key Touch Panel

Single-circuit control

Keys	1
Relays	1
Scene keys	1

Zigbee 3.0

2M-1K



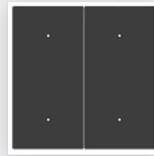
2 Key Touch Panel

Two circuits, split face

Keys	2
Relays	2
Scene keys	2

Zigbee 3.0

2M-2K



4 Key Touch Panel

Vertical split

Keys	4
Relays	4
Scene keys	4

Zigbee 3.0

2M-4K-V



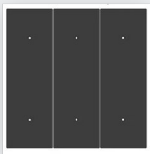
4 Key Touch Panel

Horizontal split

Keys	4
Relays	4
Scene keys	4

Zigbee 3.0

2M-4K-H



6 Key Touch Panel

Vertical split

Keys	6
Relays	4
Scene keys	2

Zigbee 3.0

2M-6K-V



6 Key Touch Panel

Horizontal split

Keys	6
Relays	4
Scene keys	2

Zigbee 3.0

2M-6K-H



Knob Dimmer Panel

Rotary encoder, round LCD

Dimmer	1 × LED
Scene	Sc1 / Sc2
Readout	Level %

Zigbee 3.0

Dimming

2M-DIM



4 Key Knob Panel

Rotary dimmer + 4 touch keys

Keys	4
Dimmer	1 × LED
Scene keys	4

Zigbee 3.0

Dimming

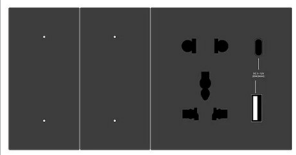
2M-4K-DIM

Dimming. The knob panels drive a 2-module LED dimmer module: 300 W LED / 606 W resistive. The round display shows level percentage, the two scene slots (Sc1 / Sc2) and the on-off state.

ZIGBEE 3.0 · 110-250 V AC

4 Module

Two bays in one plate. Pair keys with a universal 13 A socket, a rotary dimmer or the Zigbee & BLE gateway face.



4 Key + Socket

4M-4K-SKT-C

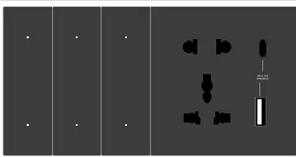
Universal socket with Type-C & USB-A

KEYS	RELAYS	SOCKET
4	4	13 A universal

Zigbee 3.0

USB-C

USB-A



6 Key + Socket

4M-6K-SKT-C

Universal socket with Type-C & USB-A

KEYS	RELAYS	SOCKET
6	6	13 A universal

Zigbee 3.0

USB-C

USB-A



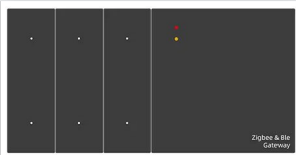
8 Key Touch Panel

4M-8K

Four key columns, no socket

KEYS	RELAYS	SCENE KEYS
8	8	4

Zigbee 3.0



6 Key + Gateway

4M-6K-GW

Built-in Zigbee 3.0 & BLE hub

KEYS	RELAYS	GATEWAY
6	6	Zigbee + BLE

Zigbee 3.0

BLE

Gateway



Knob Dimmer + Socket

4M-DIM-SKT-C

Rotary dimmer with LCD + universal socket

DIMMER	SCENE	SOCKET
1 ×	Sc1 /	13 A
LED	Sc2	universal

Zigbee 3.0

Dimming

USB-C

Gateway plates. A plate carrying the gateway face is the Zigbee 3.0 coordinator for its floor and also speaks BLE for commissioning. One gateway plate serves a typical apartment; large villas take one per floor.

ZIGBEE 3.0 • 110-250 V AC

6/8 Module

The wide plate — three bays, up to twelve keys, and room for a socket, a dimmer knob or the gateway alongside. Built for entrances, living rooms and hotel bedheads.



10 Key + Socket

8M-10K-SKT-C

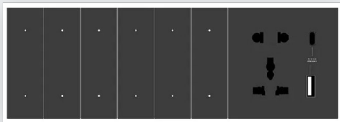
Five key columns + universal socket

KEYS	RELAYS	SOCKET
10	10	13 A universal

Zigbee 3.0

USB-C

USB-A



12 Key + Socket

8M-12K-SKT-C

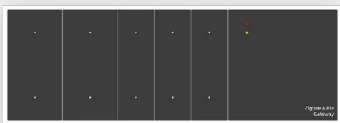
Six key columns + universal socket

KEYS	RELAYS	SCENE KEYS
12	10	2

Zigbee 3.0

USB-C

USB-A



10 Key + Gateway

8M-10K-GW

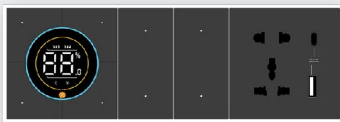
Whole-floor control with built-in hub

KEYS	RELAYS	GATEWAY
10	10	Zigbee + BLE

Zigbee 3.0

BLE

Gateway



Knob Dimmer + 4 Key + Socket

8M-DIM-4K-SKT-C

Dimmer, two key columns, socket

KEYS	DIMMER	SOCKET
4	1 × LED	13 A universal

Zigbee 3.0

Dimming

USB-C



Knob Dimmer + 6 Key + Socket

8M-DIM-6K-SKT-C

Dimmer, three key columns, socket

KEYS	DIMMER	SOCKET
6	1 × LED	13 A universal

Zigbee 3.0

Dimming

USB-C

Mixing modules. Any 6/8 module plate can be re-specified as keys-only, keys + socket, keys + dimmer or keys + gateway without changing the back box. Scene and curtain keys are assigned in software, not in hardware.

13 A • ZIGBEE 3.0

Power and the mesh

Universal outlets that accept 2-pin, 3-pin and flat-blade plugs, with optional USB-C and USB-A charging, plus the in-wall hub that carries the mesh.



Smart Socket

Universal 2/3-pin outlet

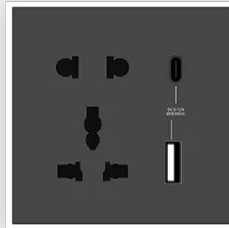
Rated 110–250 V AC

Current 13 A

Module 2 Module

Zigbee 3.0

2M-SKT



Smart Socket + Type-C

Universal outlet, USB-C & USB-A

Rated 110–250 V AC

Current 13 A

USB out DC 5–12 V, 20 W

Zigbee 3.0

USB-C

USB-A

2M-SKT-UC



Zigbee & BLE Gateway

Wall-mount hub, 2 Module

Radio Zigbee 3.0 + BLE

Supply 110–250 V AC

Mount In-wall

Zigbee 3.0

BLE

Gateway

2M-GW

Socket faces. Socket and USB faces fit the same bays as key modules, so a 4 or 6/8 module plate can carry keys and a socket behind one glass line. USB output is DC 5–12 V, 20 W shared across both ports.

4" • 8" • 10.1"

Smart display panels

Wall-mounted Android control panels — a dashboard for the whole installation, and the intercom answering point.



L9 4" Smart Control Panel

Square in-wall panel for a room or a zone. Clock, climate and favourite devices on the home screen; full device, scene and group lists one tap away.

Screen	4" IPS touch
Module code	L9-4"
Dimensions	86 × 86 × 70 mm
Connectivity	Wi-Fi & BLE



M20 8" Smart Control Panel

Landscape panel with a side rotary knob for dimming, volume and climate. Tile grid covers lighting, curtains, air-conditioning and media.

Screen	8" touch + rotary knob
Module code	M20-8"
Dimensions	86 × 86 × 70 mm back box
Connectivity	Wi-Fi & BLE



X8 10.1" Smart Control Panel

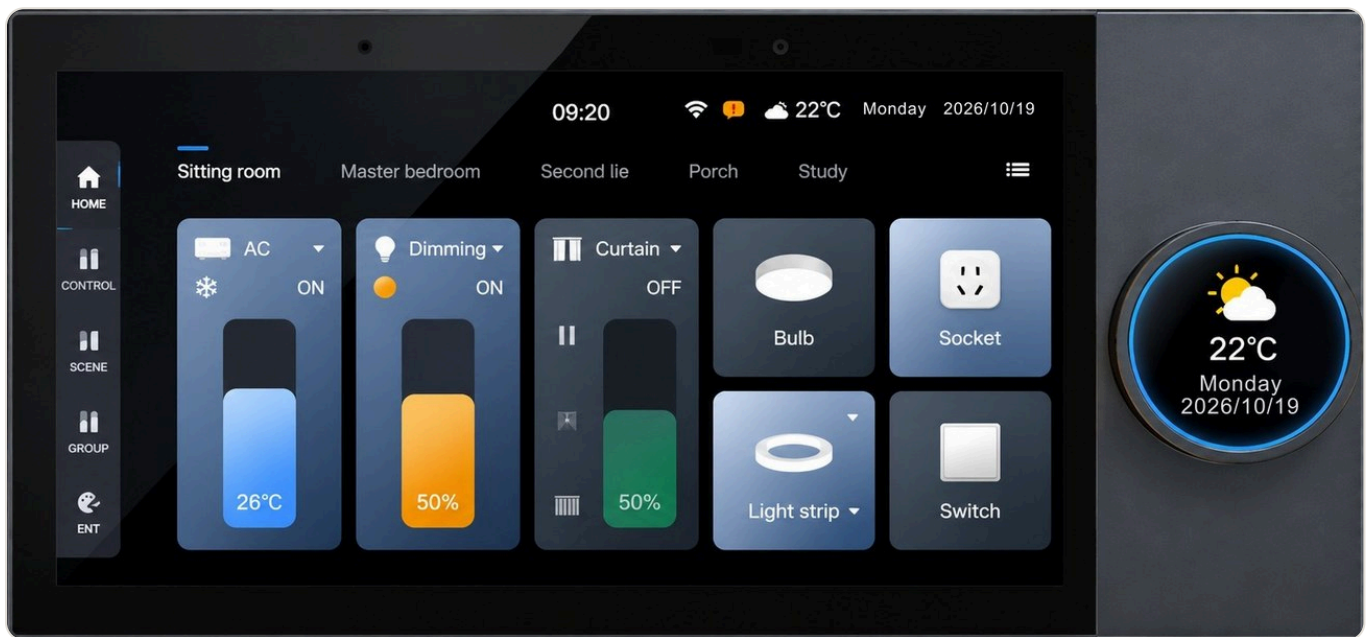
The flagship entrance panel. Whole-home dashboard, scene art tiles, voice prompt bar and intercom answering on a single glass face.

Screen	10.1" IPS touch
Module code	X8-10"
Dimensions	178 × 109 × 75 mm
Connectivity	Wi-Fi & BLE, Wired RJ45

X8 · 10.1 INCH

The interface

The 10.1" dashboard. Each room opens as a page of live tiles — AC, dimming, curtains, lights and sockets; the rail switches between control, scenes and groups, and the right-hand dial shows the weather and handles climate and dimming. Scene tiles are customer-skinned per project.



X8 · 10.1" — room view with AC, dimmer and curtain sliders, device tiles and weather dial



X8 · 10.1" — standby clock face, 178 × 109 × 75 mm

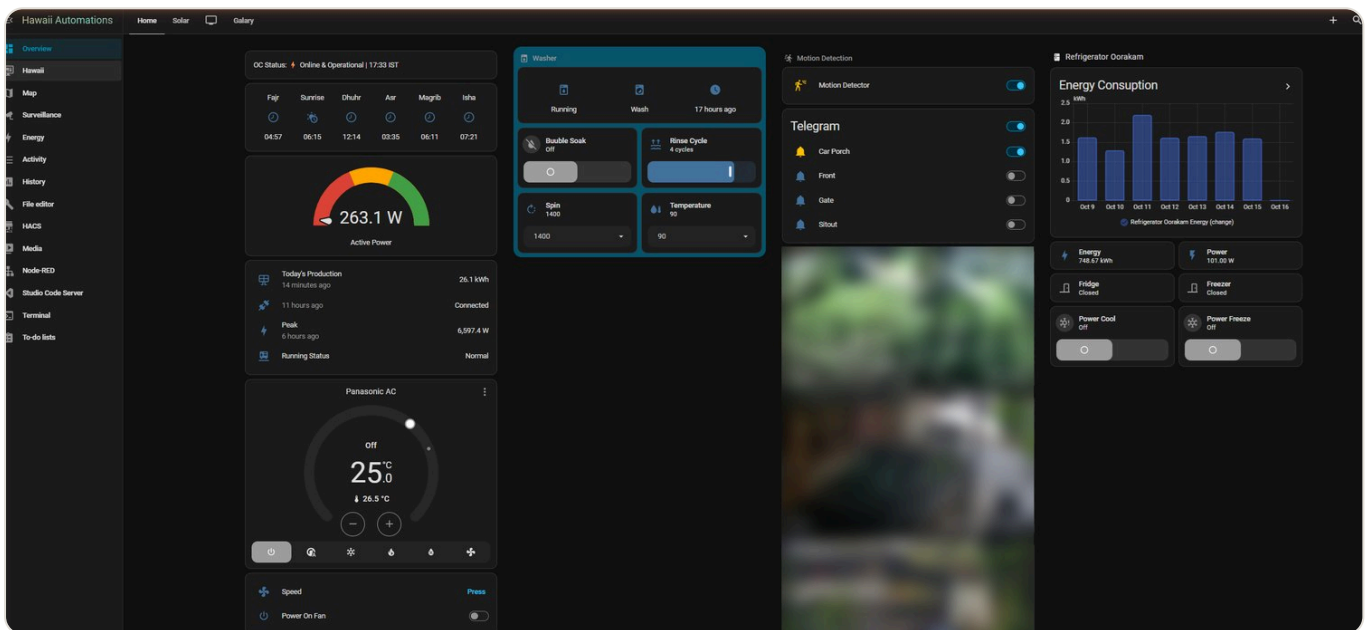
On every panel

- Room, device, scene and group lists with live state
- Climate: temperature, humidity and AC control
- Scene art tiles with per-project artwork
- Intercom answering and door release
- Voice prompt bar
- Standby clock with date and weather

LOCAL SERVER • ONE DASHBOARD

The control layer

Above the switch panels sits a local Home Assistant server, commissioned and customised by Hawaii Automation. It is what turns separate products — Zigbee switches, cameras, a solar inverter, a split AC, white goods — into one dashboard with one login, running on hardware in the building rather than in somebody else's cloud.



A live Hawaii Automation deployment – solar, climate, appliances, notifications and camera tiles on one overview. Camera tiles obscured for publication.

What gets brought in

Lighting & power

Every Hawaii key, dimmer, curtain key and socket, through the Zigbee gateway — with per-room grouping and scenes.

Solar & energy

Inverter production, PV string current and voltage, three-phase line voltages, daily and lifetime yield, per-appliance consumption.

Climate

Split and ducted AC as full thermostat cards — setpoint, mode, fan and swing — alongside room temperature and humidity sensors.

Cameras & entry

NVR and IP camera feeds, the H1X door station, motion events and snapshot alerts on a dedicated surveillance view.

Appliances

Connected washers, refrigerators and water heaters — cycle state, remaining time, door state and energy history.

Local extras

Prayer times, weather, presence and location, to-do lists and household routines built to the client's own request.

WHAT WE DELIVER

Setup & customisation

Hawaii Automation delivers the server, not just the switches: installation, integration, dashboard design and the automation logic behind it — then hands over a documented system the client can keep extending.

The engagement

01 Server & network

Home Assistant installed on dedicated local hardware with a static address, UPS-backed power, VLAN separation for cameras and IoT, and secure remote access over your own domain with TLS. No dependency on a vendor cloud for day-to-day control.

02 Integration

Zigbee coordinator paired to the Hawaii mesh, then every other system onboarded — inverter, NVR, air-conditioning, white goods, energy meters and the door station. Entities are renamed, grouped by room and given the right device classes so the dashboards and energy reports actually add up.

03 Dashboard design

Custom Lovelace views per audience — a family overview, a solar view, surveillance, energy, history and a map. Card layouts, icons and artwork are designed to match the project, and the same dashboards render on the 4", 8" and 10.1" wall panels.

04 Automation & alerts

Routines built in Home Assistant and Node-RED: presence-driven lighting, away mode, tank and pump control, AC scheduling, leak and smoke cut-offs. Push notifications go to Telegram or the mobile app, switchable per zone so the household can tune the noise.

05 Handover & support

File editor, code server and terminal access left in place, HACS configured for community add-ons, configuration backed up, and a walkthrough with the client. Remote support and change requests under an optional maintenance agreement.

Works with what is already there. Home Assistant sits over the top of the Hawaii hardware rather than replacing it — the panels keep working on the Zigbee mesh if the server is down, and third-party equipment already on site can usually be adopted instead of ripped out.

ZIGBEE 3.0 · WI-FI & BLE

Automation inputs

The inputs that make the switches automatic. Presence and motion sensors drive corridor and utility lighting; climate and leak sensors feed scenes and alerts; the IR blaster folds legacy air-conditioners into the same system.



24G Ceiling Presence Sensor

mmWave radar holds the lights on for a motionless occupant — reading, desk work, sleep.

Wi-Fi & BLE · Zigbee Ceiling,
3.0 flush



5.8G Ceiling Motion Sensor

Microwave motion detection through ceiling finishes, for corridors, stairs and utility rooms.

Wi-Fi & BLE · Zigbee Ceiling,
3.0 flush



Ceiling IR Blaster

Brings legacy IR air-conditioners, TVs and fans into the same scenes as the switch panels.

Wi-Fi & BLE Ceiling, flush



Curtain Motor

Track motor driven from any curtain key, scene or control panel; manual pull-to-start.

Zigbee 3.0 Track mounted



Door / Window Sensor

Open-close contact for entry alerts, away-mode arming and AC cut-off on an open window.

Wi-Fi & BLE · Zigbee Surface,
3.0 magnetic



Water Leak Sensor

Floor probe for bathrooms, utility rooms and tank areas; pairs with the valve controller.

Wi-Fi & BLE · Zigbee Floor
3.0 placed



Smoke Sensor

Photoelectric smoke alarm with local siren and a push alert to every paired phone.

Wi-Fi & BLE · Zigbee Ceiling,
3.0 surface



Temperature & Humidity Sensor

Room climate feed for thermostat scenes, dehumidification and the panel home screens.

Wi-Fi & BLE · Wall / free
Zigbee 3.0 standing



Water Level & Pump Automation

Tank level sensing with automatic pump start-stop, dry-run protection and overflow cut-off.

Wi-Fi Tank mounted

Water management and entry

Smart Wi-Fi Water Timer & Valve Controller

Motorised ball valve with a scheduler built in — garden irrigation, tank fill, roof lines and main shut-off. Runs to a timetable, to a litre target or straight from the app, and closes automatically when a paired leak sensor trips.

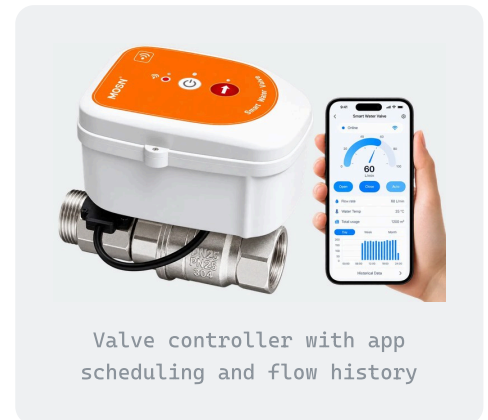
Sizes **3/4" and 1" BSP**

Connectivity **Wi-Fi**

Control **App schedule, timer, volume target, manual**

Pairs with **Water leak sensor, scenes, control panels**

Also available — water level & pump automation for overhead and underground tanks: automatic pump start-stop, dry-run protection and overflow cut-off.



Valve controller with app scheduling and flow history

H1X Access Control Intercom

Door station for apartments, villas and hotels. Wide-angle camera with night-vision fill, card reader zone for RFID credentials and a single call button that rings every control panel and phone on the account.

Application **Apartment, villa, hotel entrance**

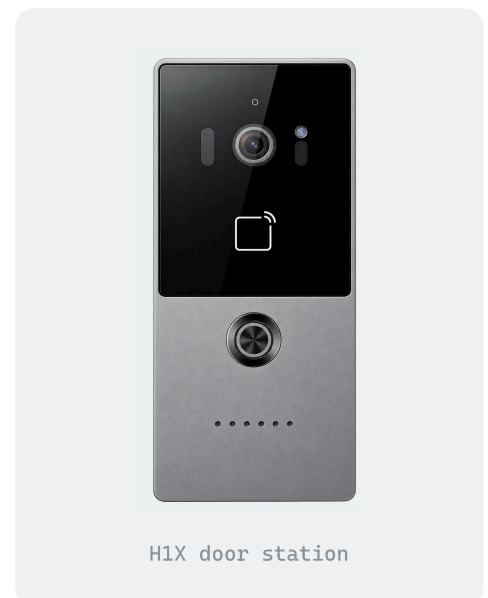
Entry **RFID card · App unlock · Panel release**

Camera **Wide-angle with IR night fill**

Answering **4" / 8" / 10.1" control panels and mobile app**

Housing **Aluminium, surface or flush mount**

Full electrical and network specification on request.



H1X door station

ALL MODULES

Specifications

Module-level electrical data. Panel ratings are the sum of the modules fitted; the power body sets the ceiling for the whole plate.

MODULE	PROTOCOL	SUPPLY	LOAD	FACE
Power Body — 2 Module	Tuya Zigbee	110–250 V AC · 50/60 Hz	LED 300 W · Resistive 604 W	PC
Power Body — 4 Module	Tuya Zigbee	110–250 V AC · 50/60 Hz	LED 300 W · Resistive 604 W	PC
Power Body — 6/8 Module	Tuya Zigbee	110–250 V AC · 50/60 Hz	LED 300 W · Resistive 605 W	PC
Key Control Module — 2 Key	Zigbee 3.0	110–250 V AC · 50/60 Hz	LED 300 W · Resistive 607 W	AG Glass
Key Control Module — 4 Key	Zigbee 3.0	110–250 V AC · 50/60 Hz	LED 300 W · Resistive 607 W	AG Glass
Key Control Module — 6 Key	Zigbee 3.0	110–250 V AC · 50/60 Hz	LED 300 W · Resistive 607 W	AG Glass
Light Dimmer Module — 2 Module	Zigbee 3.0	110–250 V AC · 50/60 Hz	LED 300 W · Resistive 606 W	AG Glass
Curtain Switch Module — 2 Module	Zigbee 3.0	110–250 V AC · 50/60 Hz	LED 300 W · Resistive 606 W	AG Glass
Gateway Module — Zigbee & BLE	Zigbee 3.0 + BLE	110–250 V AC · 50/60 Hz	LED 300 W · Resistive 606 W	AG Glass
Smart Socket	Zigbee 3.0	110–250 V AC · 50/60 Hz	Rated current 13 A	AG Glass
Smart Socket + Type-C	Zigbee 3.0	110–250 V AC · 50/60 Hz	13 A · USB DC 5–12 V, 20 W	AG Glass

Control panels

PANEL	SCREEN	CODE	DIMENSIONS	CONNECTIVITY
L9	4" IPS touch	L9-4"	86 × 86 × 70 mm	Wi-Fi & BLE
M20	8" touch + rotary knob	M20-8"	86 × 86 × 70 mm box	Wi-Fi & BLE
X8	10.1" IPS touch	X8-10"	178 × 109 × 75 mm	Wi-Fi & BLE, Wired RJ45

Config codes. The codes printed on each product card (2M-4K-V, 8M-12K-SKT-C ...) describe a plate configuration — module size, key count and extras. They are planning references for the Hawaii Switch Planner, not supplier part numbers; confirm ordering codes with your Hawaii Automation contact before raising a purchase order.



Plan the project before you quote it.

The Hawaii Switch Planner builds a room-by-room requirement list, suggests the valid plate combinations from this catalogue, and exports the requirement list, bill of materials and purchase order.

Plan

Rooms, circuits and icons — lights, fans, appliances, curtains and scenes.

Combine

Valid 2 / 4 / 6-8 module plates proposed automatically from the catalogue.

Export

Requirement list, BOM, quotation and purchase order in one click.

design.hawaiiautomations.com

Hawaii Automation™

Smart switches · Control panels · Sensors · Access control

Product Catalogue 2026

hawaiiautomations.com

Specifications and finishes are subject to change without notice. Product images are representative; key counts, icons and colours are configured per project. Load ratings are per module — verify total plate load against the fitted power body.