

SwitchBot AI HUB Gateway



Model: W8002100

Manufacturer: SWITCHBOT

EAN: 810150549294

Product Code: 1090736

R4,408

SwitchBot AI Hub

The SwitchBot AI Hub is much more than a traditional smart home gateway—it's a command center for the modern home, equipped with artificial intelligence, local data processing, and advanced integration with home automation ecosystems. As the first solution of its kind to support OpenClaw, the device acts as a true home AI agent: it sees through connected cameras, analyzes situations using the Vision Language Model (VLM), reacts via connected smart devices, and automates daily scenarios without the need for manual intervention. Support for Home Assistant, Matter Bridge, Apple Home, Google Home, RTSP, Frigate AI, local automations running up to 4 times faster than standard Bluetooth gateways, and the ability to expand storage up to 16 TB make this solution ideal for demanding users of modern smart homes.

Your home gains eyes, ears, and intelligence

Ordinary AI assistants answer questions. The SwitchBot AI Hub goes much further—it actively observes and interprets what is happening in your home. Thanks to integration with compatible

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SwitchBot cameras and RTSP devices, the system analyzes video in real time using the Vision Language Model, recognizing events, objects, and situations just as a human would. Detecting a delivery person at the door, recognizing someone lying on the floor, analyzing activity in the home, or identifying unusual events—the AI Hub doesn't just record; it understands the context and can automatically take appropriate action.

Automation that anticipates your needs

It's an intelligent assistant that doesn't just wait for commands. The SwitchBot AI Hub can create scenarios based on user behavior, preferences, and event history. If you close the blinds, dim the lights, and turn on the air purifier every evening—the system can learn this pattern and suggest or independently perform similar actions. Scenario profiles allow you to precisely define the system's responses, and VLM automation can analyze specific events and trigger assigned actions without your intervention.

Full control using everyday language

Instead of memorizing commands, just say what you want. Thanks to OpenClaw and integration with messaging apps, the SwitchBot AI Hub lets you control your smart home using natural text messages. You can issue commands via WhatsApp, Discord, Telegram, and other platforms without having to switch apps or use rigid voice commands. "I'm going to bed" can mean simultaneously closing the blinds, turning off the lights, locking the doors, and launching a selected comfort scenario—all in a single, natural interaction.

Professional monitoring without a cloud subscription

The SwitchBot AI Hub can serve as an advanced NVR-class monitoring center. RTSP support allows you to integrate not only SwitchBot cameras but also compatible devices from other manufacturers. The system supports up to 8 2K cameras simultaneously, offers local image analysis, and eliminates the need to pay for cloud storage of recordings. The built-in 32 GB storage and the ability to expand with HDD drives up to 16 TB and microSD cards up to 1 TB give you full control over data archiving, without relying on external services.

A truly local smart home - faster, safer, independent

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Unlike simple Bluetooth gateways, the AI Hub functions as a full-fledged local automation hub. Automation rules are executed locally, resulting in significantly shorter response times, greater reliability, and better data privacy. The device is equipped with 6 TOPS of computing power for local AI tasks, 8 GB of RAM, and 32 GB of internal storage, making it ready for demanding operations involving image analysis and smart control.

One hub, an entire smart home ecosystem

The SwitchBot AI Hub is designed for maximum compatibility. It supports Matter Bridge for up to 30 SwitchBot devices, integration with Apple Home, Google Home, and Home Assistant, and even the ability to run Home Assistant Core directly on the device. With 2.4 GHz / 5 GHz Wi-Fi, Bluetooth Low Energy, USB-C and HDMI ports, and support for local LAN communication, the AI Hub becomes the central hub of your entire smart home ecosystem—regardless of which devices you use.

Computing power in a compact form

Behind the minimalist 126 × 94 × 26 mm housing lies exceptionally advanced technology. A PMMA and metal construction, 12V/1.5A power supply, desktop installation format, and certified compatibility with markets in Europe, the US, and Japan mean the device is ready to use immediately upon connection. This is a device for users who expect more from a smart home than simple control—an intelligent system that analyzes, reacts, and genuinely makes life easier for household members every day.

Included in the set:

- SwitchBot AI Hub
- 12V/1.5A power adapter

Manufacturer	SwitchBot
Model	AI Hub W8002100
Intended use	Indoor use

Device dimensions 126 × 94 × 26 mm

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Device weight	235 g
Material	PMMA + metal
RAM	8 GB
Internal storage	32 GB
USB-C 3.0 port	Supports external storage up to 16 TB, video output, 5V/1A
USB-C 2.0 port	Supports external storage up to 16 TB, 5V/1A
microSD slot	Yes, supports cards up to 1 TB
Included microSD card	16 GB
Wireless connectivity	Wi-Fi 802.11 b/g/n, Wi-Fi 2.4 GHz / 5 GHz, Bluetooth Low Energy
Camera support	Up to 8 SwitchBot PTC Plus 3MP/5MP cameras or third-party RTSP cameras
RTSP support	Yes
Frigate integration	Yes
Local AI computing power	6 TOPS
AI features	Recognition of people, animals, vehicles, furniture, devices, and food; face recognition;
Home Assistant	AI Search; Smart Report; Profile Setup; VLM automation
Matter Bridge	Built-in support for Home Assistant Core Container
Local control	Yes, supports up to 30 SwitchBot devices
HDMI output	Yes, local automations via LAN and Bluetooth
Operating temperature	Yes (with a USB-C to HDMI adapter)
Operating humidity	-20°C to 65°C
Declared product support period	0%–90% RH
	5 years

GPSR Link: https://psr-assets.innpro.pl/smarthome/sg_smarthome_controls.pdf, Gross weight: 570,

Net weight: 235, Box length: 20,00, Box width: 14,50, Box height: 5,00

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