



MyHarvia Smart Sauna Sensor

WIFI

Model SAM001W

Installation and User Manual

Designed in Finland – Assembled in China

EN Safety and warning information

- Read carefully before use and keep for future reference.
- Keep the device and batteries out of reach of children (< 10 years) and pets. Risk of suffocation or death.
 - Install the device where children cannot reach it.
 - This product is not a toy and must not be ingested.
 - Do not use a damaged unit.
 - Do not expose to fire, extreme heat or cold.
 - Operating range -10 °C to +100 °C. Short-term exposure up to +130 °C for max 2 hours allowed.
 - Do not install directly above the heater. Keep at least 500 mm side distance to the heater.
 - Do not immerse or expose the product to contact with water.

FI Turvallisuusohjeet ja varoitukset

- Lue ohjeet huolellisesti ennen käyttöä ja säilytä ne myöhempiä käyttöä varten.
- Pidä laite ja paristot poissa lasten (< 10 vuotta) ja lemmikkien ulottuvilta. Tukehtumis- tai kuolemanvaara.
 - Asenna laite paikkaan, johon lapset eivät ylety.
 - Tämä tuote ei ole lelu eikä sitä saa niellä.
 - Älä käytä vaurioitunutta laitetta.
 - Älä altista tulelle, äärimmäiselle kuumuudelle tai kylmyydelle.
 - Käyttölämpötila -10 °C ... +100 °C. Lyhytaikainen altistus +130 °C:een saakka enintään 2 tunnin ajan on sallittu.
 - Älä asenna suoraan kiukaan yläpuolelle. Pidä vähintään 500 mm etäisyys kiukaasta sivusuunnassa.
 - Älä upota tuotetta veteen äläkä altista sitä kosketukselle veden kanssa.

DE Sicherheits- und warnhinweise

- Vor Gebrauch sorgfältig lesen und für zukünftige Verwendung aufbewahren.
- Gerät und Batterien außerhalb der Reichweite von Kindern (< 10 Jahren) und Haustieren aufbewahren. Erstickungs- oder Todesgefahr.
 - Gerät an einem Ort installieren, der für Kinder unzugänglich ist.
 - Dieses Produkt ist kein Spielzeug und darf nicht verschluckt werden.
 - Kein beschädigtes Gerät verwenden.
 - Nicht extremer Hitze, Kälte oder offenem Feuer aussetzen.
 - Betriebstemperatur -10 °C bis +100 °C. Kurzzeitige Belastung bis +130 °C für maximal 2 Stunden zulässig.
 - Nicht direkt über dem Ofen installieren. Seitlicher Mindestabstand zum Ofen 500 mm.
 - Gerät nicht in Wasser tauchen und nicht mit Wasser in Berührung bringen.

FR Sécurité et informations d'avertissement

- Lire attentivement avant utilisation et conserver ce manuel pour référence ultérieure.
- Garder l'appareil et les piles hors de portée des enfants (< 10 ans) et des animaux domestiques. Risque d'étouffement ou de mort.
 - Installer l'appareil dans un endroit inaccessible aux enfants.
 - Ce produit n'est pas un jouet et ne doit pas être avalé.
 - Ne pas utiliser un appareil endommagé.
 - Ne pas exposer à un feu, à une chaleur ou à un froid extrême.
 - Plage de fonctionnement -10 °C à +100 °C. Exposition à court terme jusqu'à +130 °C pendant 2 heures maximum autorisée.
 - Ne pas installer directement au-dessus du poêle. Garder une distance latérale d'au moins 500 mm.
 - Ne pas immerger le produit dans l'eau ni l'exposer à un contact avec l'eau.

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www.harvia.com

Contains a non-rechargeable lithium-thionyl chloride (Li-SOCl₂) battery.

- **WARNING** – Risk of fire, explosion, or chemical burns if mishandled.
- Do not recharge, disassemble, crush, or short-circuit the battery.
 - Replace the battery only with an identical MyHarvia Smart Sauna Sensor battery pack supplied by Harvia. Use of any other battery may cause fire hazard.
 - Dispose of used batteries safely according to local regulations – tape terminals before disposal.

- **Environmental and Disposal Information**
Product is 99 % recyclable. Do not dispose of electronic equipment or batteries in household waste. Use authorized recycling points. Follow local WEEE and battery-recycling regulations.

Sisältää ei-ladattavan litium-tionyylikloridi -pariston (Li-SOCl₂).

- **VAROITUS** – Tulipalon, räjähdyksen tai kemiallisen palovamman vaara, jos laitetta käsitellään väärin.
- Älä lataa, pura, murskaa tai oikosulje paristoa.
 - Vaihda paristo vain vastaavaan Harvian toimittamaan MyHarvia Smart Sauna Sensor -paristopakettiin. Muiden paristojen käyttö voi aiheuttaa palovaaran.
 - Hävitä käytetyt paristot turvallisesti paikallisten määräysten mukaisesti – teippaa navat ennen kierrätystä.

- **Ympäristö ja hävittäminen**
Tuote on 99 % kierrätettävä. Älä hävitä elektroniikkalaitteita tai paristoja sekajätteen mukana. Vie ne valtuutettuihin kierrätyspisteisiin. Noudata paikallisia WEEE- ja paristojen kierrätysmääräyksiä.

Enthält eine nicht wiederaufladbare Lithium-Thionylchlorid-Batterie (Li-SOCl₂).

- **WARNUNG** – Brand-, Explosions- oder Verätzungsgefahr bei unsachgemäßer Handhabung.
- Batterie nicht aufladen, zerlegen, zerdrücken oder kurzschließen.
 - Batterie nur durch ein identisches MyHarvia Smart Sauna Sensor-Batteriepaket ersetzen, das von Harvia geliefert wird. Die Verwendung anderer Batterien kann Brandgefahr verursachen.
 - Entsorgen Sie gebrauchte Batterien sicher gemäß den örtlichen Vorschriften – Pole vor der Entsorgung abkleben.

- **Umwelt und Entsorgung**
Produkt ist zu 99 % recycelbar. Elektronische Geräte oder Batterien nicht über den Hausmüll entsorgen. Verwenden Sie autorisierte Sammelstellen. Beachten Sie die örtlichen WEEE- und Batterie-Recycling-Vorschriften.

Contient une pile au lithium-thionyl-chlorure (Li-SOCl₂) non rechargeable.

- **AVERTISSEMENT** – Risque d'incendie, d'explosion ou de brûlures chimiques en cas de mauvaise manipulation.
- Ne pas recharger, démonter, écraser ou court-circuiter la pile.
 - Remplacer uniquement par un pack de piles MyHarvia Smart Sauna Sensor identique fourni par Harvia. L'utilisation d'une autre pile peut provoquer un risque d'incendie.
 - Éliminer les piles usagées en toute sécurité conformément à la réglementation locale – isoler les bornes avant élimination.

- **Environnement et Élimination**
Produit recyclable à 99 %. Ne pas jeter les appareils électroniques ou les piles avec les ordures ménagères. Utiliser des points de collecte agréés. Respecter les réglementations locales relatives au recyclage WEEE et aux piles.



MyHarvia Smart Sauna Sensor

WIFI

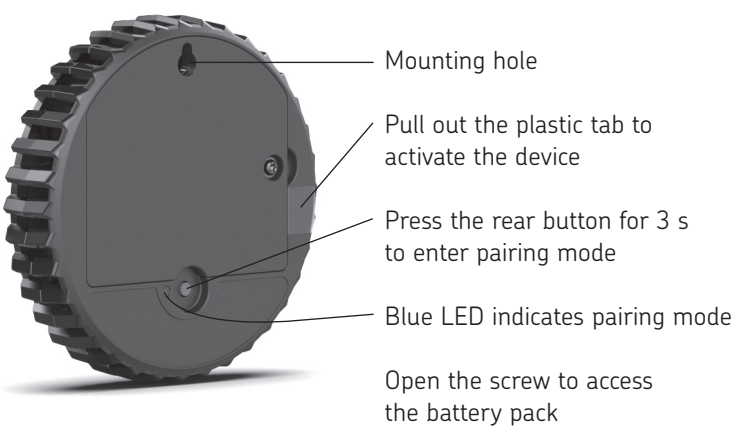
User manual

EN - FI - DE - FR



<https://harvia.io/sam001w/manual>

Online user manual is available in multiple languages.



Package contents:

- MyHarvia Smart Sauna Sensor including battery
- Manual
- Mounting screw

EN User manual

Intended Use

The MyHarvia Smart Sauna Sensor measures sauna temperature, humidity and usage (PIR motion detection). It connects via WiFi to the MyHarvia app and cloud service. Using the device requires a good WiFi connection.

The MyHarvia Smart Sauna Sensor can be used in any sauna, regardless of the sauna manufacturer. MyHarvia Smart Sauna Sensor is also a great way to connect your wood burning sauna to MyHarvia app.



<https://myharvia.harvia.io/>



My Harvia 2

Quick Start

1. Pull the plastic tab from the back to activate the device.

- The device will start automatically.
- Pair and connect the device to the WiFi network in the sauna, close to the intended installation location.

2. Install the free MyHarvia 2 App (Google Play / App Store) and follow in-app instructions to pair and connect your Smart Sauna Sensor to WiFi.

- Create and verify your MyHarvia account.
- You will receive a verification code to your email (check also junk mail folder).
- Press the rear button for 3 s to enter pairing mode (blue LED indicates pairing mode).
- Start the pairing by selecting “Add your Sauna”.
- Confirm Bluetooth pairing and enter WiFi password when prompted.

3. Mount the sensor on the sauna wall at head / shoulder height, min 20 cm below ceiling.

The sensor must not be installed above the heater (min 500 mm from the heater sideways). The product is designed to operate within a temperature range of -10 °C to +100 °C.

The recommended installation location is on the wall opposite the heater. If your sauna also has a traditional sauna thermometer, it is recommended to install the sensor next to it. This way, the sensor measures the temperature from the same spot as your sauna thermometer.

After completing the pairing process in the app, everything is ready – you can now use the MyHarvia Smart Sauna Sensor wireless measurement device. You will find interesting usage examples in these instructions.

Operation

The sensor is designed to monitor the sauna’s temperature, humidity, and usage (PIR motion detection). The device transmits sauna data via WiFi to your MyHarvia account, allowing you to monitor your sauna’s heating process from anywhere.

Once paired and installed in the sauna, the MyHarvia Smart Sauna Sensor operates automatically. You can view your sauna heating through the MyHarvia mobile app and / or the MyHarvia web portal <https://harvia.io>

The sensor automatically starts transmitting data when its internal temperature rises above 40 °C, and it also shuts down automatically.

The sensor powers off if no motion is detected in the sauna for 60 minutes after the target temperature has been reached, if the temperature drops 20 °C below the target temperature, or if the temperature falls below the wake-up threshold (< 40 °C).

The Smart Sauna Sensor automatically records each sauna session, and the data is stored in your MyHarvia account.

The MyHarvia app learns your sauna’s heating time starting from the very first heating session and displays the remaining heating time until the target temperature is reached. Note that the sensor activates when the sauna temperature reaches 40 °C, so heating tracking does not begin immediately when you start heating your sauna.

The MyHarvia app sends notifications to your mobile phone (and to compatible connected devices such as Apple Watch). Notifications are sent in the following situations, among others:

- The sauna heatings started. Sensor is active.
- The sauna will be ready in 10 minutes.
- The sauna is ready (target temperature reached).
- The sauna is heating up slower or faster than usual.
- Add firewood (when using a wood-burning heater).
- A ready sauna has remained unused for over 30 minutes.
- The sensor batteries need to be replaced soon (approx. 50 hours or 2 months of use remaining).

After each sauna session, the MyHarvia app displays the heating curve of the most recent session until a new session begins.

My Harvia Smart Sauna Sensor data can be shared with multiple MyHarvia users if desired. You can invite others to view your sensor data by sending an invitation through the MyHarvia app. You can also choose your preferred app language.

You can log in to the MyHarvia web portal <https://harvia.io> using the same MyHarvia username and password that you use for the MyHarvia app. In the MyHarvia web portal, you can view all your heating sessions recorded by the MyHarvia Smart Sauna Sensor.

The battery pack supplied with the MyHarvia Smart Sauna Sensor provides approximately 600+ hours of operating time in normal home sauna use.

The expected battery life is about 3 years if you use your sauna for around 4 hours per week. Poor WiFi connection among other things may decrease the battery life significantly. The sensor will notify you when the batteries need replacement, approximately 50 hours before depletion. The app provides detailed instructions for ordering new batteries from Harvia or an authorized reseller. Use only the official MyHarvia Smart Sauna Sensor battery supplied by Harvia.

Troubleshooting

Ensure strong WiFi signal at installation site. You can check the strength of your WiFi connection with your mobile phone. If the device cannot connect to the WiFi network during pairing, move your WiFi router closer to the sensor’s installation location or use a WiFi extender to improve signal range and connection quality. Network name must not contain special characters. Open port 8883 (MQTT SSL) and allow access to NTP servers if needed.

Maintenance

Wipe with a soft damp cloth only – no solvents. Firmware updates install automatically over WiFi.

Technical Specifications

Operating temperature: -10 °C ... +100 °C (≤ +130 °C / 2 h)
Humidity: max 99 % RH
Dimensions: Ø 98 mm x 27 mm, 130 g
Supply voltage: 10.8 V DC (MyHarvia Battery Pack only)
WiFi: 2.4 GHz 802.11 b/g/n

The sauna session data stored in your MyHarvia account can also be accessed through the programming interface (API) and Harvia MCP server. The MyHarvia API documentation is available at <https://harvia.io/api>

Warranty



www.harvia.com

Regulatory and Compliance Information
Complies with applicable regulations.
EU: RED 2014/53/EU UK: UKCA
USA: FCC ID 2AC7Z-ESPC3WR00M
Canada: IC 21098-ESPC3WR00M
Operation subject to: (1) no interference caused, (2) must accept interference.
L'exploitation est autorisée aux conditions:
(1) aucun brouillage, (2) doit accepter tout brouillage.
Japan: GITEKI ID 201-220555
2.4 GHz Wi-Fi (≤ 20 dBm EIRP)
EU DoC: <https://harvia.io/SAM001W/DoC>