

# Measure time the TV is ON

To track how long your TV is on in Home Assistant, you can use the **template sensor** and **history statistics** integration. Assuming your TV has an entity (e.g., `switch.tv` or `media_player.tv`), here's a YAML setup to calculate the time it's on each day.

## Step 1: Create a Template Binary Sensor

First, create a binary sensor to detect when your TV is on:

```
binary_sensor:
  - platform: template
    sensors:
      tv_status:
        friendly_name: "TV Status"
        value_template: "{{ is_state('media_player.tv', 'on') }}"
```

Replace `media_player.tv` with the actual entity ID of your TV. This sensor will be `on` when the TV is on.

## Step 2: Use the History Statistics Sensor

Now, use the **history statistics sensor** to calculate the total time the TV has been on each day:

```
sensor:
  - platform: history_stats
    name: TV On Time Today
    entity_id: binary_sensor.tv_status
    state: "on"
    type: time
    start: "{{ now().replace(hour=0, minute=0, second=0) }}"
    end: "{{ now() }}"
```

This setup will provide a `TV On Time Today` sensor, which resets every day and accumulates the time your TV was on.

# Optional: Adding a Weekly or Monthly Tracker

You can duplicate the **history\_stats** sensor and adjust the `start` time to track weekly or monthly usage:

```
- platform: history_stats
  name: TV On Time This Week
  entity_id: binary_sensor.tv_status
  state: "on"
  type: time
  start: "{{ now().replace(hour=0, minute=0, second=0) - timedelta(days=now().weekday()) }}"
  end: "{{ now() }}"
```

This will give you daily, weekly, and customizable duration insights on your TV's usage. Let me know if you'd like to add automations or notifications based on this data!

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