# Product Datasheet

## TP-Link Tapo T100 Smart Motion Sensor

Independent product reference sheet | English | 22 November 2026

## Overview

Smart PIR motion sensor for the TP-Link Tapo smart home ecosystem. A compatible Tapo Hub is required; it does not connect directly to ordinary Wi-Fi.

## Key specifications

Detection: up to 7 m (23 ft), 120-degree viewing angle. Three adjustable sensitivity levels, nominally 3 m / 5 m / 7 m.

Battery: one CR2450 coin cell. Advertised battery life up to two years under stated test conditions; actual life varies.

Dimensions: 42.3 x 42.3 x 34 mm. Operating temperature: 0 to 40 degrees C.

Wireless Sub-1G band: 868 MHz or 922 MHz depending on region. Verify that sensor and hub regional variants match.

## Installation

Magnetic mount, supplied 3M adhesive, or free-standing placement.

## Sources and official documents

https://www.tp-link.com/uk/smart-home/smart-sensor/tapo-t100/

https://www.tp-link.com/ae/support/download/tapo-t100/v1.20/

https://static.tp-link.com/upload/product-overview/2024/202407/20240729/Tapo%20T100%28EU%26US%291.20%261.26_Datasheet.pdf

https://static.tp-link.com/upload/manual/2024/202407/20240729/1910013757_Tapo%20T100%28EU%26US%291.20%261.26_UG_V1.pdf

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