tp-link

CES INNOVATION AWARDS 2021 HONOREE

Smart Wi-Fi Dimmer Switch

Motion-Activated

Motion Sensing

Smart Control

KS220M

Advanced Sensing | Smart Control | Customized Dimming | Energy Saving

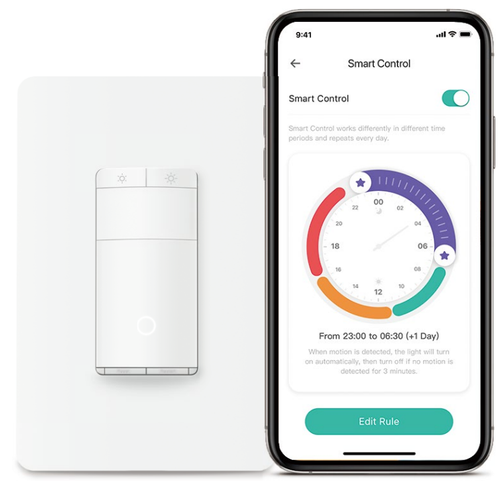
Highlights

Smart Motion & Ambient Light Detection

The built-in motion sensor turns on your lights automatically to guide you through the dark when you enter, and turns them off when you leave. The ambient light sensor avoids turning on lights automatically during the daytime.

Set It and Forget It

Built-in motion and ambient light sensors work together for true hands-free control. Our smart dimmer conveniently auto-adjusts your room's brightness. With Smart Control, further customize your light settings to follow your routine with the easy-to-use app.



Phone not included;
Works with iOS and Android

Notes: The app screen depicted is for visual reference only and does not necessarily represent actual product operation or app appearance.

Smart Energy Saving

If you enter a room during the day, the built-in ambient light sensor prevents the lights from automatically switching on. To save more energy, set your lights to dim to appropriate brightness levels.

Hands-free Voice Control

Connect your Smart Dimmer Seitch with Amazon Alexa, Google Home, or Samsung SmartThings, and adjust lighting levels hands-free using only your voice.

WORKS WITH alexa

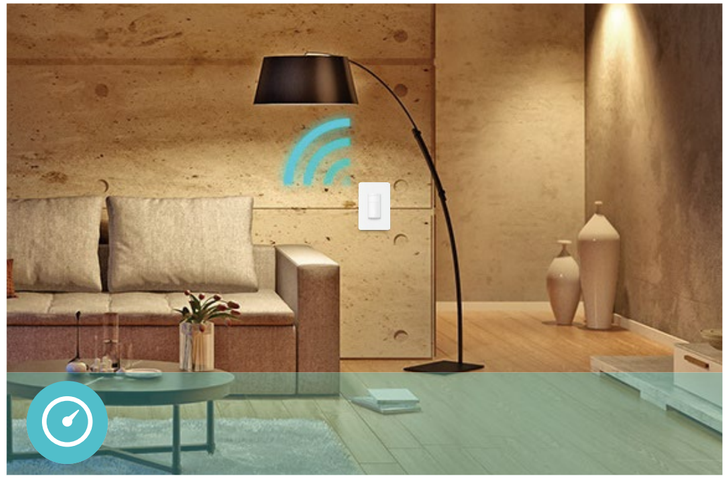
works with Hey Google

works with SmartThings

Features

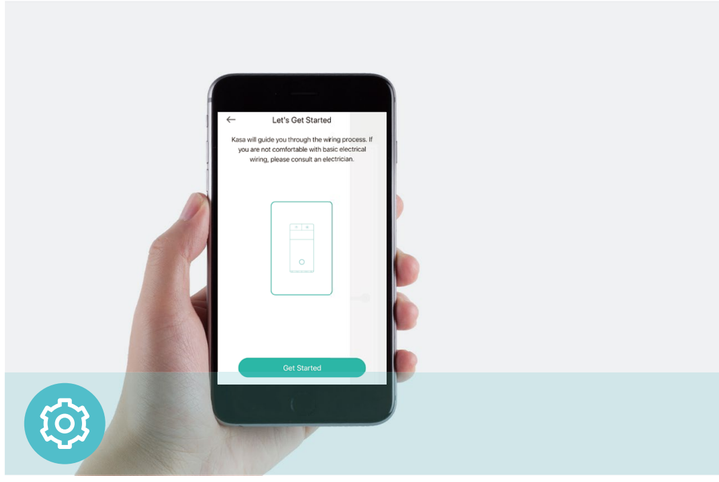
Ease to Use

- Advanced Sensing – Motion and ambient lighting detection ensure your lights only turn on at night.
- Smart Control – Set different light triggers and brightness levels based on your routine for effortless control.
- Customized Dimming – Experience a full range of brightness before fading them off for bedtime.
- Energy Saving – Turn off the light automatically after you leave the room for a set time.
- Scheduling – Set lights to automatically turn on and off throughout the day or night whether you're home or away.



Plays well with Others

- Hands-Free Voice Control – Set lighting levels using the leading voice assistants such as Amazon Alexa and Google Assistant.
- Works with SmartThings – Control and manage your Kasa devices with SmartThings



Easy to Install

- Upgrade your Light Switch – Designed to easily replace traditional light switches (single-pole only).
- Guided Installation – Kasa Smart app provides step-by-step instructions for wiring your new Smart Dimmer Switch.
- No Hub Required – Easily connect directly to your secured home Wi-Fi network.

Specifications

Electrical

- Input Voltage: 120VAC 60Hz
- Output Voltage: Dimmed (120VAC Max)
- Supported Bulb Types: Dimmable LED (MLV) - 150W Max
  Incandescent - 300W Max
- Power Consumption & Standby Power Consumption: 1.5W
- Motion Detection Range: up to 25 ft away
- Neutral wire connection required
- Single-Pole switching only (not compatible with 3-way/multi-way switch wiring)

General

- Dimensions: 5.06 x 3.33 x 1.84 in. (128.65 x 84.65 x 46.84 mm)
- Indoor Use Only
- For installation in standard electrical wall-box: 2-inch depth minimum
- Buttons: On/Off Switch, Brightness Up/Down, Reset, Restart
- Operating Temperature: 0 ºC ~ 40 ºC (32°F ~ 104°F)
- Operating Humidity: 10%~90%RH, Non-condensing
- Certifications: FCC, IC, UL, RoHS

Communication

- Secured home Wi-Fi connection required
- Wi-Fi Protocol: IEEE 802.11b/g/n
- Wi-Fi Frequency: 2.4GHz

Package Contents

- 1 * KS220M Smart Wi-Fi Dimmer Switch
- 1* Wall Plate
- 2* Wire Nuts
- 2* Screws
- 4* Wire Labels
- 1* Quick Start Guide

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