Smart Wi-Fi Light Switch, Dimmer

Single Pole

Tapo S500D

- Brightness Control
- Fade On/Off
- Voice Control
- Remote Control
- Schedule
- Away Mode
- Flame-Retardant
- Smarter with Sensors
### Highlights

**Flexible Control**

Use built-in dimmer buttons to dim or brighten your home’s lighting. Set brightness on your phone from anywhere, anytime with the Tapo app.

**Brightness Control**

Control the brightness of lights in any room and set the ambience for any activity. Designed to dim today's energy-efficient LEDs as well as traditional incandescent bulbs.

*Voice control is only supported with certain voice assistants.*
// Highlights

**Fade On/Off**

Smart dimmer switch smoothly adjusts lighting levels without sudden eye-irritating brightness or darkness. Fade off the lights in your children’s bedrooms as they drift off to sleep.

**Free Up Your Hands with Voice Control**

Free up your hands by using simple voice commands with Amazon Alexa, Google Assistant, or Samsung SmartThings.
Features

- **Remote Control** – Instantly turn connected devices on/off, or set brightness wherever you are through the Tapo app.
- **Local Control** – Your connected devices at home remain accessible via the Tapo app even when the household goes offline.
- **Schedule & Timer** – Preset a schedule to automatically manage your smart home devices according to your daily routine and preferences.
- **Set Scenes** – Group your smart switch with other Tapo devices to turn them all on or off with one click or choose a custom preset with scenes.
- **Away Mode** – Away Mode will automatically turn your connected devices, like lights, on and off randomly, to make it appear as if you’re home.
- **Smarter with Sensors*** – Effortlessly control your lights by setting automation or scenes triggered by Tapo smart sensors.
- **More Versatile with a Tapo Smart Button**** – Pair with a Tapo Smart Button to turn your single-pole switch into a 3-way or even 4-way switch without rewiring.
- **Device Sharing** – Use the Tapo app to easily share management permissions with each member of your family.
- **Flame-Retardant*** – PC flame-retardant materials help minimize burning hazards.

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*Tapo smart sensors are sold separately. When working with smart sensors, the Tapo hub is required.
**Tapo S500D is a single-pole dimmer switch and not compatible with 3-way wiring. Tapo Smart Buttons are sold separately. When working with a Tapo Smart Button, the Tapo Hub is required.
***Made with V-0 (UL94) flame-retardant materials.
## Specifications

### Technical Specifications

- **Rating:** 120 V~ 60 Hz
- **Max Load:** 300W Incandescent / Halogen, 150W LED (TRIAC Dimmable)
- **Wireless:** IEEE 802.11b/g/n, 2.4 GHz Wi-Fi

### Requirements:

- Neutral wire in wall box
- Standard lighting wall box (at least 2 inches deep)
- Indoor Use Only

### General

- **Package Contents:**
  - Tapo S500D × 1
  - Wall Plate × 1
  - Wire Label × 1
  - Wire Nuts × 2
  - Screws × 2

- **Quick Start Guide**

- **Buttons:** On/Off Switch, Reset, Restart, Decrease dimmer button, Increase dimmer button

- **Dimensions:** 5.04 × 3.33 × 1.77 in (128 × 84.6 × 44.9 mm)

- **Operating Temperature:** 0 ºC– 40 ºC (32°F–104°F)

- **Operating Humidity:** 10%–90%RH, Non-condensing

- **Certifications:** FCC, UL, RoHS, IC, NCC, BSMI

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Please do not use in damp environments or outdoors. For more information, please visit https://www.tapo.com/

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