Product Guide

Smart in So Many Ways.

Reliably Smart
December 2020

www.tp-link.com
KasaSmart.com



kasa smart



WHO WE ARE

Founded in 2015 in Silicon Valley, Kasa Smart took a deep dive into the smart home market to create customer-centered, reliable, high-quality products. Assembling a multi-talented group with broad backgrounds, Kasa Smart's unique talent pool and TP-Link's 20+ years of networking and manufacturing experience combined to help Kasa Smart quickly become one of the leading consumer smart home brands in the world.

Kasa Smart's initial offerings were humble with just a single smart plug. But in the years since, we have expanded our product offerings to include plugs, light bulbs, switches, and cameras and continue to enter new product markets. Knowing that a truly connected home is a diverse smart home, we work with industry leaders including Amazon, Google, and Samsung to ensure Kasa users have the integration they expect.

Most important of all, Kasa has maintained an intense focus on customer satisfaction. We've earned a near-five-star rating for the Kasa Smart app and both PCMag Readers' and Editors' Choice Awards for Kasa products. There are now more than six million Kasa customers across the world—further proof of the Kasa Smart team's effort in delivering on our promise for better smart homes.

Contents

Home Security / 01

Smart Plug / 08

Smart Switch / 14

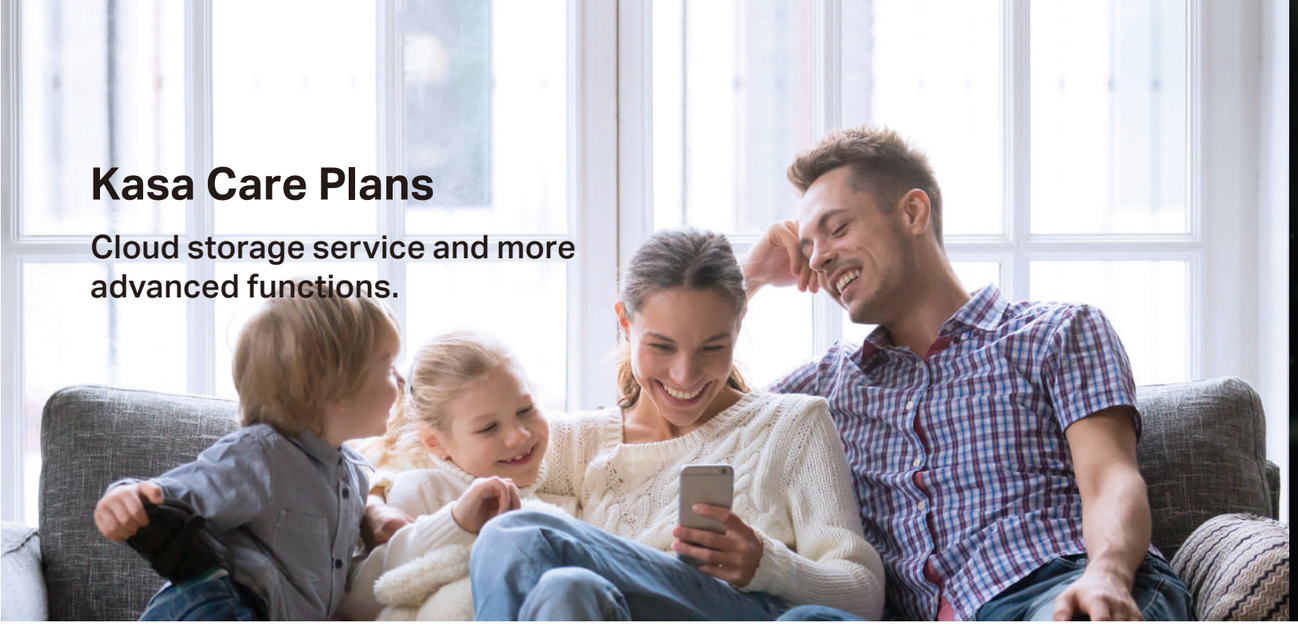
Smart Lighting / 18

kasa smart

Home Security

Always keep an eye on what's important. From indoors to the outdoors, Kasa Smart home security products have your home fully covered. Stream sharp and clear live video from anywhere, anytime, and get instant notifications when a person or motion is detected. Recorded videos ensure everything can be traced back.





Kasa Care Plans

Cloud storage service and more advanced functions.



Know What's Bumping in the Night

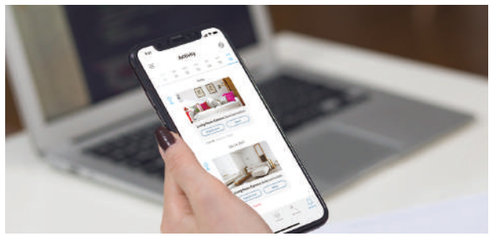
Kasa Cam Outdoor, 24/7 Recording

KC420WS

2K HD Video | Full Color Night Vision | IP65 Weatherproof | Person Detection

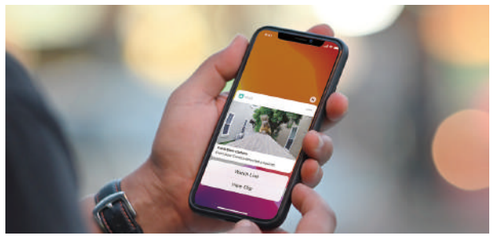
30-Day Cloud Storage

Store video clips to the Kasa cloud automatically whenever activity is detected over the past 30 days.



Rich Notifications

Get push notifications featuring a snapshot when a person or motion is detected. Decide at-a-glance whether to take action right away.



Manual Recording

Record pieces of precious memories manually during live view for later reviewing and sharing.



Single-Tap Sharing

With just a tap from the share button, post memorable clips to your preferred social media platform and let others gasp, laugh, or gawk.



Compare Plans	Plus	Premium
Number of Devices	per device	up to 10
30-Day Video Cloud Storage	√	√
Activity Notifications with Snapshots	√	√
Manual Clip Recording	√	√
Cloud Video Sharing	√	√

*Kasa Care Plans vary by country and region.

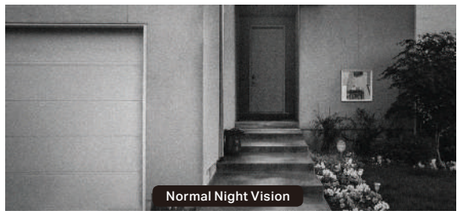
2K HD Video

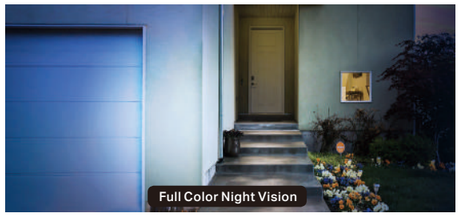
2K HD (2560×1440 px) delivers more image detail than 1080p Full HD (1920×1080 px). Better quality is better for bigger screen displays and seeing objects shot further in the distance.



Full Color Night Vision

See full-color videos rather than just black and white at night with an integrated spotlight, which can be turned on manually or automatically.





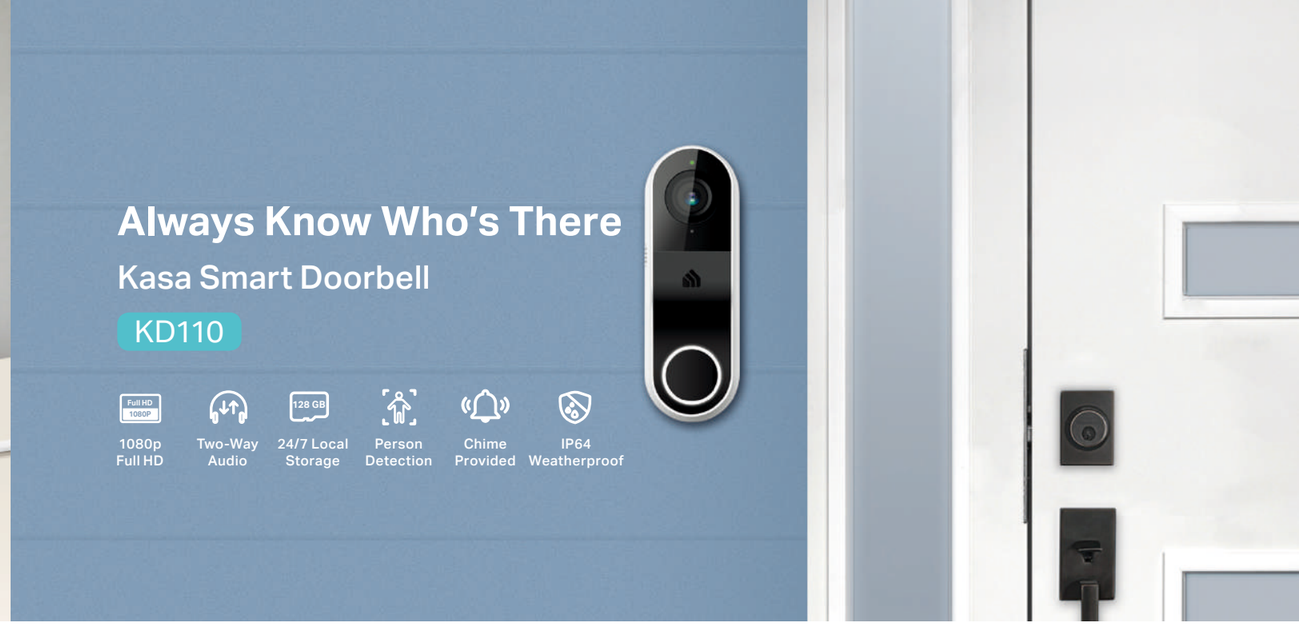
Starlight Night Vision

Capture sharper and clearer images than normal IR night vision. This provides colorful views even in low-light environments with its sensitive starlight sensor.









2K HD Security Camera



KC420WS

Kasa Cam Outdoor, 24/7 Recording
(US, UN versions available)

Full Color Night Vision
See full-color videos with an integrated spotlight that drives away the dark.

Starlight Night Vision
Capture better clarity and quality videos than typical IR night vision.

IP65 Weatherproof
Ensures your camera is protected against rain and dust.



KC410S

Kasa Spot Pan Tilt, 24/7 Recording
(US, UN versions available)

Starlight Night Vision
Capture better clarity and quality videos than typical IR night vision.

Pan and Tilt
Swipe up, down, left, and right on your phone to rotate and set the camera's point of view.

Motion Tracking
When motion activity is detected, track and follow the subject to keep it within view.

Patrol Mode
Set multiple distinct viewpoints to monitor each region at custom intervals.



KC400

Kasa Spot, 24/7 Recording
(US, UN versions available)

IR Night Vision
Detects activity up to 30 feet away in total darkness.

- **2K HD Video** - Sharper and clearer, wide-angle 4 MP HD provides high-quality video.
- **30 Feet Night Vision** - Detects activity up to 30 feet away in total darkness.
- **Two-Way Audio** - Communicate with others with the built-in microphone and speaker.
- **24/7 Local Storage** - Continuously record videos up to 256 GB (microSD card required) and play back with the app.
- **Watch from Anywhere** - Watch live video on the Kasa Smart app or any Alexa or Google Assistant supported display.
- **Instant Notifications** - Alert you of activity that matters and sends notifications straight to your phone.
- **Smart Detection** - Enable person, motion, or audio smart detection with cutting-edge algorithms.
- **Activity Zones** - Control what triggers your alerts with custom activity zones around areas that are important to you.

1080p HD Security Camera



KC310S2

Kasa Spot Wire-Free Camera System
(US version available)

No Wires Attached
Feel free to take the camera indoors or out with a rechargeable lithium-ion battery.

IP65 Weatherproof
Ensures your camera within view protected against rain and dust.



KC115

Kasa Spot Pan Tilt, 24/7 Recording
(US, UN versions available)

Pan and Tilt
Swipe up, down, left and right on your phone to rotate and set the camera's point of view.

Motion Tracking
When motion activity is detected, track and follow the subject to keep it within view.

Patrol Mode
Set multiple distinct viewpoints to monitor each region at custom intervals.

24/7 Local Storage
Continuously record videos up to 128 GB (microSD card required) and play back with the Kasa Smart app.



KC105

Kasa Spot, 24/7 Recording
(US, UN versions available)

24/7 Local Storage
Continuously record videos up to 128 GB (microSD card required) and play back with the Kasa Smart app.

- **1080p Full HD** - Sharp and clear, wide-angle 2MP HD provides high-quality video.
- **30 Feet Night Vision** - Detects activity up to 30 feet away in total darkness.
- **Two-Way Audio** - Communicate with others with the built-in microphone and speaker.
- **Watch from Anywhere** - Watch live video on the Kasa Smart app or any Alexa or Google Assistant supported display.
- **Instant Notifications** - Alert you of activity that matters and sends notifications straight to your phone.
- **Activity Zones** - Control what triggers your alerts with custom activity zones around areas that are important to you.

WHICH IS THE RIGHT KASA HOME SECURITY DEVICE FOR YOU?

Appearance							
Model Number	**KC420WS**	**KC410S**	**KC400**	**KC115**	**KC105**	**KC310S2**	**KD110**
Resolution	2K	2K	2K	1080p	1080p	1080p	1080p
Night Vision	Full color night vision Starlight night vision Up to 30 ft	Starlight night vision Up to 30 ft	Up to 30 ft	Up to 30 ft	Up to 30 ft	Up to 30 ft	Up to 15 ft
Live View	√	√	√	√	√	√	√
Pan and Tilt		√		√			
Weatherproof	IP65					IP65	IP64
Power	Adapter (5V/1A)	Adapter (5V/1A)	Adapter (5V/1A)	Adapter (5V/1A)	Adapter (5V/1A)	Battery	Hardwire (16-24V~, 50/60Hz, 0.5A)
No Hub Required (Wi-Fi Required)	√	√	√	√	√		√
Two-Way Audio	√	√	√	√	√	√	√
Instant Notifications	√	√	√	√	√	√	√
Person Detection	√	√	√	√	√		√
24/7 Local Storage	Up to 256 GB (microSD card required)	Up to 256 GB (microSD card required)	Up to 256 GB (microSD card required)	Up to 128 GB (microSD card required)	Up to 128 GB (microSD card required)		Up to 128 GB (microSD card required)
Works with Alexa and Google Assistant	√	√	√	√	√	√	√

Smart Plug

Smarten up your traditional home appliances to control them with your phone or voice. Set schedules and timers to match your routine, saving you time, energy, and effort. Kasa Smart has you covered with everything from in-wall outlets to outdoor plugs. Easily control everything from your bedroom all way to your patio.

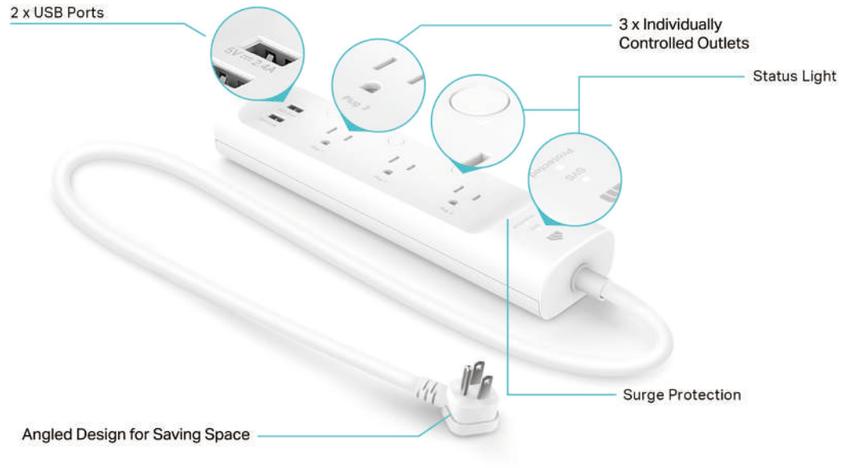






Multi-Socket

3 smart outlets plus 2 always-on USB ports. Ideal for controlling electronics in your home, game room, small business, or home office.



Individual Control

Individually control 3 smart outlets anytime, anywhere with the Kasa Smart app to meet diverse needs.



Surge Protection

Shield sensitive electronics and appliances from sudden power surges.





Smart Outdoor Plug



KP400
Kasa Smart Wi-Fi Outdoor Plug
(US version available)

Double the Outlets
Control 2 outdoor devices from anywhere individually.

Long Wi-Fi Range
Connect to a 2.4 GHz Wi-Fi signal from up to 300 ft away with a built-in power amplifier.

IP64 Weatherproof
IP64 rating ensures your smart outdoor plug will be protected against rain and dust.



KP401
Kasa Smart Wi-Fi Outdoor Plug
(US, UK, AU versions available)

Long Wi-Fi Range
Connect to a 2.4 GHz Wi-Fi signal from up to 300 ft away with a built-in power amplifier.

IP64 Weatherproof
IP64 rating ensures your smart outdoor plug will be protected against rain and dust.



KP405
Kasa Smart Outdoor Plug-In Dimmer
(US version available)

Dimmable
Control the brightness of your connected lights.

Long Wi-Fi Range
Connect to a 2.4 GHz Wi-Fi signal from up to 300 ft away with a built-in power amplifier.

IP64 Weatherproof
IP64 rating ensures your smart outdoor plug will be protected against rain and dust.

Smart In-Wall Outlet



KP200
Kasa Smart Wi-Fi Outlet, 2-Socket
(US version available)

2 Smart In-Wall Sockets
The in-wall outlet lets you individually control two devices plugged in.

Smart Power Strip



HS300
Kasa Smart Wi-Fi Power Strip, 6-Outlet
(US version available)

6 Smart Outlets
Independently control six smart outlets.

3 USB Ports
Charge your devices using three always-on USB ports.

Energy Monitoring
Monitor how much energy the connected devices consume.

Surge Protection
Shield the connected devices from sudden power surges.



KP303
Kasa Smart Wi-Fi Power Strip, 3-Outlet
(US, AU, UK versions available)

3 Smart Outlets
Independently control three smart outlets.

2 USB Ports
Charge your devices using two always-on USB ports.

Surge Protection
Shield the connected devices from sudden power surges.

Smart Plug



KP115
Kasa Smart Wi-Fi Plug Slim With Energy Monitoring
(EU, US, UK, AU, FR versions available)

Energy Monitoring
Monitor how much energy the connected devices consume.

Compact Design
The plug's compact size leaves adjacent sockets accessible and ready for use.



KP105
Kasa Smart Wi-Fi Plug Slim
(EU, UK, AU, FR versions available)

Compact Design
The plug's compact size leaves adjacent sockets accessible and ready for use.



EP10
Kasa Smart Wi-Fi Plug Mini
(US version available)

Compact Design
Fits your power outlet without blocking adjacent sockets.



HS107
Kasa Smart Wi-Fi Plug, 2-Outlet
(US version available)

Double the Outlets
Control two devices from anywhere simultaneously or individually.



HS105
Kasa Smart Wi-Fi Plug Mini
(US, JP versions available)

Compact Design
Fits your power outlet without blocking adjacent sockets.



HS103
Kasa Smart Wi-Fi Plug Mini
(US, CA versions available)

Compact Design
Fits your power outlet without blocking adjacent sockets.

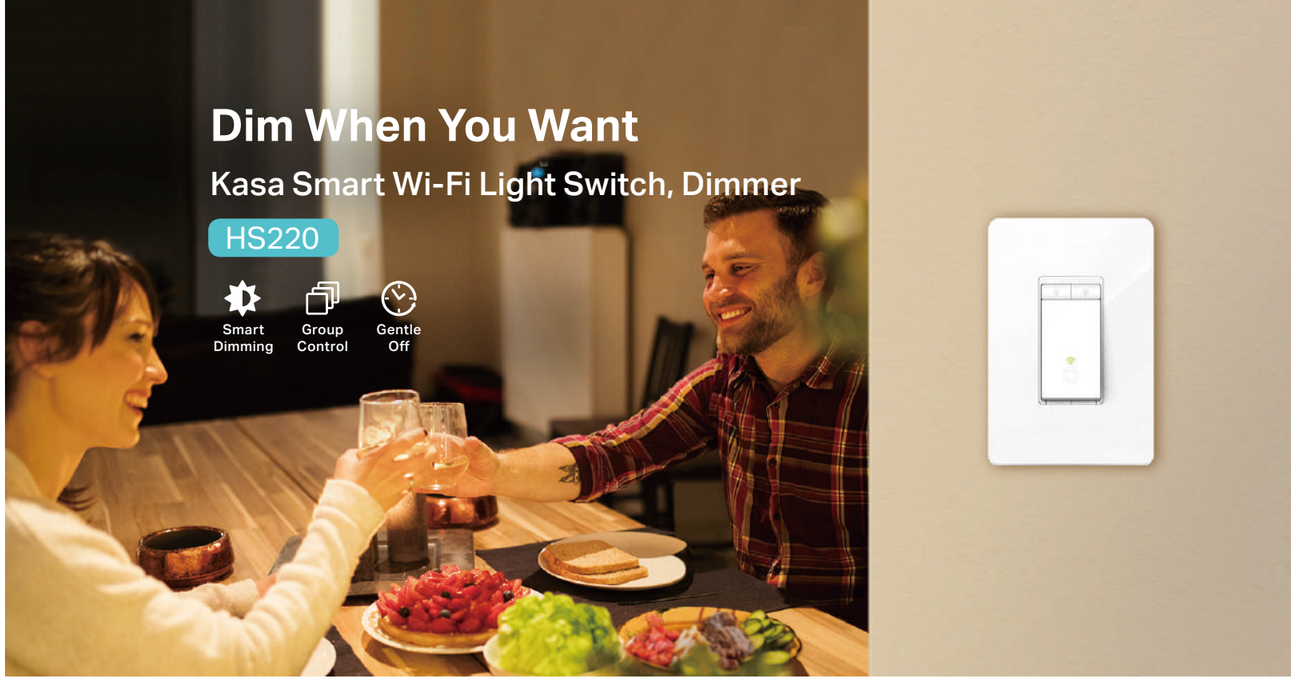
- **Control from Anywhere** - Remote control your smart plug using the Kasa Smart app via your phone or tablet.
- **Voice Control** - Use voice commands to control your smart plug with Alexa, Google Assistant, and Samsung SmartThings.
- **Schedule** - Set smart plugs to turn plugged-in devices on and off automatically while you're home or away.
- **Group Control** - Group your Kasa devices for seamless control with a single tap.
- **No Hub Required** - Connect directly to your home's secure 2.4 GHz Wi-Fi network. No need for a hub or extra equipment.

WHICH IS THE RIGHT KASA SMART PLUG FOR YOU?

	Power Strip		Outdoor Plug			In-Wall Outlet	Smart Plug					
Appearance												
Model Number	HS300	KP303	KP405	KP401	KP400/EP40	KP200	KP115	KP105	HS107	HS105	HS103	EP10
Smart Outlets (Individually Controlled)	6	3	1	1	2	2	1	1	2	1	1	1
USB Charging Ports	3 (5 V, 4 A total, 2.4 A each)	2 (5 V, 2.4 A total & each)	0	0	0	0	0	0	0	0	0	0
Installation	Plug-in	Plug-in	Plug-in	Plug-in	Plug-in	Electrical wiring required	Plug-in	Plug-in	Plug-in	Plug-in	Plug-in	Plug-in
Max Load	US: 15 A	US: 15 A UK: 13 A AU: 10 A	150W LED (Dimmable) 150W CFL (Dimmable) 300W INC	US: 15 A UK: 13 A AU: 10 A	US: 15 A	US: 15 A	US: 15 A EU: 16 A UK: 13 A AU: 10 A FR: 16 A	EU: 16 A UK: 13 A AU: 10 A FR: 16 A	US: 15 A	US: 15 A JP: 14 A CA: 15 A	US: 15 A CA: 15 A	US: 15 A
Surge Protection	√	√										
No Hub Required (Wi-Fi Required)	√	√	√	√	√	√	√	√	√	√	√	√
Outdoor Capability			IP64 Weatherproof Wi-Fi range up to 300 ft	IP64 Weatherproof Wi-Fi range up to 300 ft	IP64 Weatherproof Wi-Fi range up to 300 ft							
Safety Certification	ETL	ETL	ETL	ETL, CE, RCM	ETL	ETL	CE, RCM	CE, RCM	UL	UL	UL	UL
Group Control	√	√	√	√	√	√	√	√	√	√	√	√
Schedule and Timer	√	√	√	√	√	√	√	√	√	√	√	√
Works with Alexa, Google Assistant, and Samsung SmartThings	√	√	√	√	√	√	√	√	√	√	√	√

Smart Switch

No more fumbling for the lights when you wake up at night as you control them with your voice or a single tap on your phone. Replace any traditional light switch found in hallways, porches, living rooms, and stairs in your home with a Kasa Smart switch. From a smarter light switch able to control fixtures to a switch capable of dimming incandescent and LED bulbs, Kasa Smart provides multiple options for you.



Smart Dimming

Full-range dimming of standard LED and incandescent lights. Adjust the brightness to your desired level through the Kasa Smart app, built-in up & down dimmer buttons, and voice commands.



Group Control

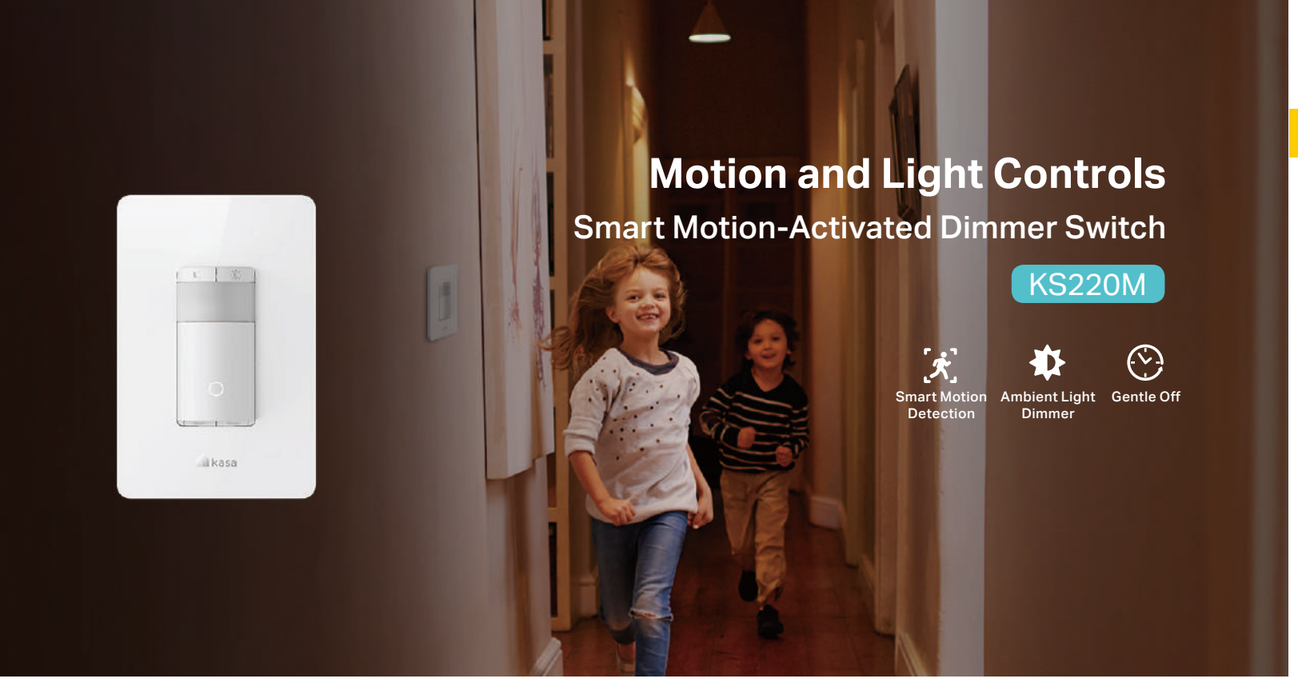
Combine Kasa Smart devices for unified control with one single tap on your phone.



Gentle Off

Fade off your lights with a simple double-click or set up your voice assistant to do it for you. Perfect for slowly dimming the lights as your child drifts to sleep.





Smart Dimmer

KS220M

Kasa Smart Dimmer Switch
Motion Activated
(US version available)

Motion-Activated
Detect movements and turn lights on or off automatically.

Light-Activated
Avoid unwanted auto-on lighting when the ambient light is enough.

Smart Dimming
Control the brightness of your lights to set the perfect ambiance.

Gentle Off
Tailor your lighting to fade on with a click of the switch or double-click to gently fade off the lights.

KS230 KIT

Kasa Smart Dimmer Switch
3-Way Kit
(US version available)

3-way
Convert your traditional 3-way lighting to a smarter one.

Smart Dimming
Control the brightness of your lights to set the perfect ambiance.

Gentle Off
Tailor your lighting to fade on with a click of the switch or double-click to gently fade off the lights.

HS220

Kasa Smart Dimmer Switch
Single Pole
(US, CA versions available)

Smart Dimming
Control the brightness of your lights to set the perfect ambiance.

Gentle Off
Tailor your lighting to fade on with a click of the switch or double-click to gently fade off the lights.

Smart Switch



KS200M

Kasa Smart Wi-Fi Light Switch
Motion Activated
(US versions available)

Motion-Activated
Detect movements and turn lights on or off automatically.

Light-Activated
Avoid unwanted auto-on lighting when the ambient light is enough.



HS210 KIT

Kasa Smart Wi-Fi Light Switch
3-Way Kit
(US, CA versions available)

3-way
Convert your traditional 3-way lighting to a smarter one.



HS200

Kasa Smart Wi-Fi Light Switch
Single Pole
(US, CA versions available)

- **Control from Anywhere** - Remote control your switch using the Kasa Smart app via your phone or tablet.
- **No Hub Required** - Connect directly to your home's secure 2.4 GHz Wi-Fi network. No need for a hub or extra equipment.
- **Voice Control** - Use voice commands to control your smart switch with Alexa, Google Assistant, and Samsung SmartThings.
- **Schedule** - Set the switch to turn on and off automatically at dawn, dusk, or any time that works with your daily routine.
- **Group Control** -Group your Kasa devices for seamless control with a single tap.
- **Easy Installation** - In-app step-by-step guide for easy installation. Neutral wire required.

	Smart Dimmer			Smart Switch		
Appearance						
Model Number	**KS220M**	**KS230 KIT**	**HS220**	**KS200M**	**HS210**	**HS200**
Wiring Type	Single Pole	3-Way	Dimmer	Single Pole	3-Way	Single Pole
Maximum Load	300 W Incandescent, 150 W LED	300 W Incandescent, 150 W LED	300 W Incandescent, 150 W LED	600 W Incandescent	600 W Incandescent	600 W Incandescent
Motion Sensor	√			√		
Ambient-Light Sensor	√			√		
Gentle Off	√	√	√			
No Hub Required (Wi-Fi Required)	√	√	√	√	√	√
Neutral Wire Required	√	√	√	√	√	√
Schedule and Timer	√	√	√	√	√	√
Group Control	√	√	√	√	√	√
Locator Light	√	√	√	√	√	√
Control from Anywhere	√	√	√	√	√	√
Works with Alexa, Google Assistant, and Samsung SmartThings	√	√	√	√	√	√

Smart Lighting

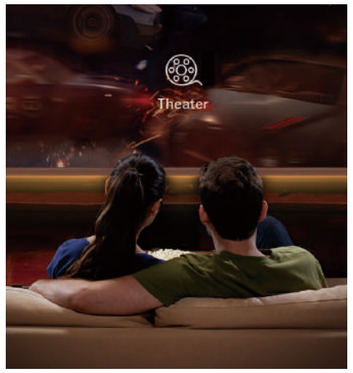
From multicolor bulbs that set the mood for any event to dimmable bulbs that give you suitable illumination, Kasa Smart light bulbs offer convenience and automation. Decorate your home with smart light strips for custom colors zones and effects. Control your lighting individually, in scenes, with schedules and presets. Group them for consistent home lighting or seamless control with other Kasa Smart products. Also, save more energy than traditional lights and record your energy usage.



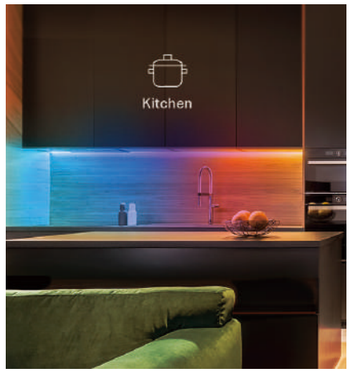


Design Your Home Lighting

Achieve the perfect atmosphere for your living spaces. Discover the right lighting patterns from color to brightness.







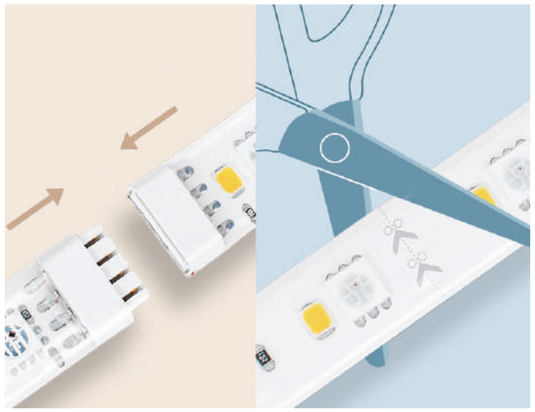
Animated Lighting Effects

Pick from dozens of predefined lighting effects or customize your own.



Extendable, Cuttable, and Bendable

Expandable up to 33 ft with additional extensions sold separately. Cut along the indicator lines to make it fit your space.





Multicolor Smart Bulb



KL130

Kasa Smart Light Bulb, Multicolor
(UN, US versions available)

16 Million Colors
Offers endless lighting possibilities with a wide range of colors.

Auto White
Automatically adjust the color temperature (2500 - 9000K) to match natural light patterns from dawn to dusk.



KL125

Kasa Smart Light Bulb, Multicolor
(US version available)

16 Million Colors
Offers endless lighting possibilities with a wide range of colors.

Auto White
Automatically adjust the color temperature (2500 - 6500K) to match natural light patterns from dawn to dusk.

Dimmable Smart Bulb



KL110

Kasa Smart Light Bulb, Dimmable
(UN, US versions available)

Dimmable
Set the right brightness with a wide dimming range from 1% to 100%.



KL60

Kasa Filament Smart Bulb, Warm Amber
(UN, US versions available)

Warm Amber
Illuminate a 2000K light that is suitable for wherever a warm ambiance is desirable.

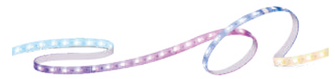


KL50

Kasa Filament Smart Bulb, Soft White
(UN, US versions available)

Soft White
Illuminate a 2700K light that works well in any environment.

Smart Lighting Strip



KL430

Kasa Smart Light Strip, Multicolor
(UN, US versions available)

16 Million Colors
Offers endless lighting possibilities with a wide range of colors.

Animated Lighting Effects
Pick from dozens of predefined lighting effects or customize your own.

Custom Color Zones
Coordinate your strip with its individual color zones (eight per meter) for combinations built to suit every mood.

Extendable, Cuttable, and Bendable
Flexibility to extend (up to 10 meters[†]), cut[‡], and bend. Stick it with the 3M adhesive or place it in the exact spot you desire.

Tunable White
Dedicated white LEDs cast true white beams from cool to warm (2500 – 9000K).



KL420

Kasa Smart Light Strip, Multicolor
(UN, US versions available)

16 Million Colors
Offers endless lighting possibilities with a wide range of colors.

Animated Lighting Effects
Pick from dozens of predefined lighting effects or customize your own.

Custom Color Zones
Coordinate your strip with its individual color zones (eight per meter) for combinations built to suit every mood.

Flexible Installation
5/10-meter LED light strips can be easily cut[‡] to adjust the length. Stick it with the 3M adhesive or place it in the exact spot you desire.



KL400

Kasa Smart Light Strip, Multicolor
(UN, US versions available)

16 Million Colors
Offers endless lighting possibilities with a wide range of colors.

Flexible Installation
5/10/20-meter LED light strips can be easily cut[‡] to adjust the length. Stick it with the 3M adhesive or place it in the exact spot you desire.

- **Dimmable** - Set the right brightness with a wide dimming range from 1% to 100%.
- **Presets** - Store your favorite lighting effects as presets for quick use.
- **No Hub Required** - Connect directly to your home's secure 2.4 GHz Wi-Fi network. No need for a hub or extra equipment.
- **Control from Anywhere** - Remote control your light using the Kasa Smart app via your phone or tablet.
- **Voice Control** - Use voice commands to control your lights with Alexa, Google Assistant, and Samsung SmartThings.
- **Schedule** - Set lights to turn on and off automatically at dawn, dusk, or any time that works with your daily routine.
- **Group Control** - Achieve an overall harmonious home lighting or seamless control with other Kasa Smart products.
- **Energy Monitoring** - Know your real-time and historical energy consumption with the Kasa Smart app.

[†]Expandable up to 10 meters with additional extensions (KL430E) sold separately.
[‡]Once cut, it cannot be reattached. Prevent accidental shocks by removing its power and then cutting along the strip's indicator lines.

WHICH IS THE RIGHT KASA SMART LIGHTING STRIP FOR YOU?

Appearance				
Model Number	KL430	KL430E	KL420	KL400
Length	2 m	1 m	5/10 m	5/10/20 m
Extendable	Up to 10 m (KL430E required)	Up to 10 m (KL430 required)		
Cuttable	√	√	√	√
Lumens (every meter)	700 lm	700 lm		
Power Adapter	√		√	√
Controller	√		√	√
Color Temperature	2500K-9000K	2500K - 9000K		
Multicolor	√	√	√	√
Auto White	√	√		
Lighting Effects	√	√	√	
Custom Color Zones	√	√	√	
Dimmable	√	√	√	√
Schedule	√	√	√	√
Timer	√	√	√	√
Presets	√	√	√	√
Group Control	√	√	√	√
Scenes	√	√	√	√
Remote Control	√	√	√	√
No Hub Required	√	√	√	√
Energy Monitoring	√	√	√	√
Works with Alexa, Google Assistant, and Samsung SmartThings	√	√	√	√

WHICH IS THE RIGHT KASA SMART BULB FOR YOU?

Appearance					
Model Number	KL130	KL125	KL110	KL60	KL50
Multicolor	√	√			
Dimmable	√	√	√	√	√
Beam Angle	220° Wide	220° Wide	220° Wide	290° Wide	290° Wide
Form Factor	US: A19 bulb, E26 fitting UN: A60 bulb, E27/B22 fitting	US: A19 bulb, E26 fitting	US: A19 bulb, E26 fitting UN: A60 bulb, E27/B22 fitting	US: A19 bulb, E26 fitting UN: A60 bulb, E27/B22 fitting	US: A19 bulb, E26 fitting UN: A60 bulb, E27/B22 fitting
Lumens	US: 850 (60 W equiv.) UN: 800 (60 W equiv.)	800 (60 W equiv.)	800 (60 W equiv.)	US:400 (40W equiv.) UN:450 (40W equiv.)	US: 600 (40 W equiv.) UN: 800 (60 W equiv.)
Lifetime	25,000 hrs	25,000 hrs	25,000 hrs	15,000 hrs	15,000 hrs
Color Temperature	2500K-9000K	2500 – 6500K	2700K	2000K	2700K
Auto White	√	√	√	√	√
Schedule	√	√	√	√	√
Timer	√	√	√	√	√
Presets	√	√	√	√	√
Group Control	√	√	√	√	√
Scenes	√	√	√	√	√
Remote Control	√	√	√	√	√
No Hub Required	√	√	√	√	√
Energy Monitoring	√	√	√	√	√
Works with Alexa, Google Assistant, and Samsung SmartThings	√	√	√	√	√



TP-Link Corporation Limited

E-mail: info@tp-link.com
Homepage: www.tp-link.com
Kasasmart.com

Note: Images shown are for reference only. Actual product may contain previous logo and packaging design.

Specifications are subject to change without notice. TP-Link is a registered trademark of TP-Link Corporation Limited. Other brands and product names are trademarks or registered trademarks of their respective holders. Copyright ©2020 TP-Link Corporation Limited. All rights reserved.

PN: 8392501084