



# Kasa Smart Doorbell

KD110



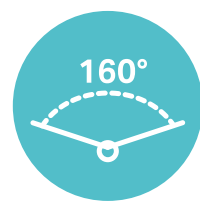
3 MP HD Video



Person Detection



Secure Local Storage



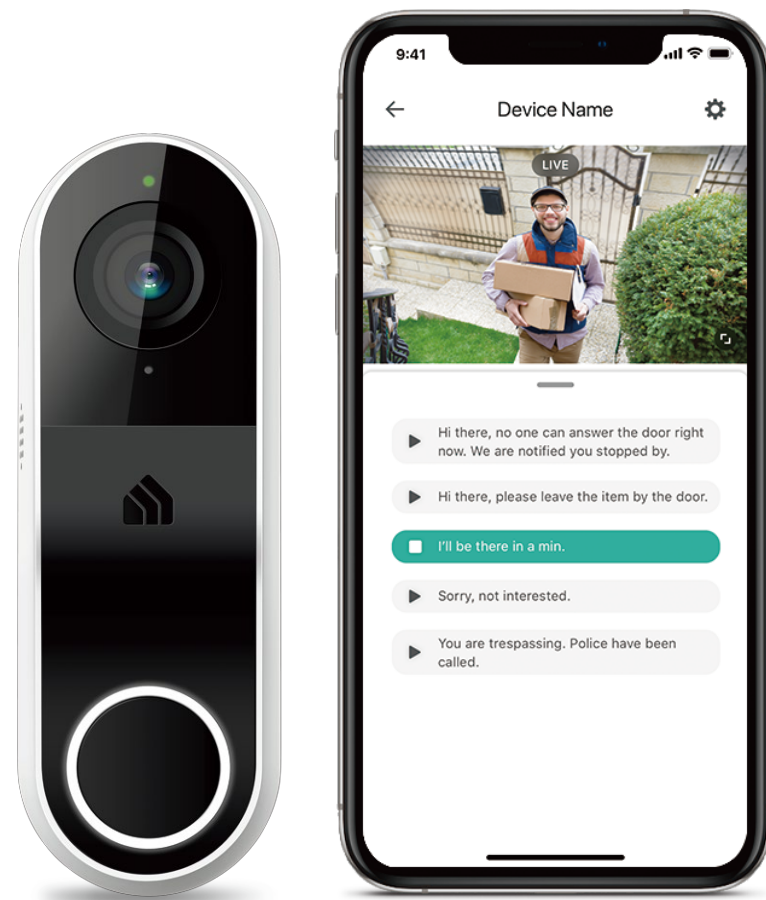
160° Viewing Angle<sup>Δ</sup>



# Highlights

## Always Know Who's There

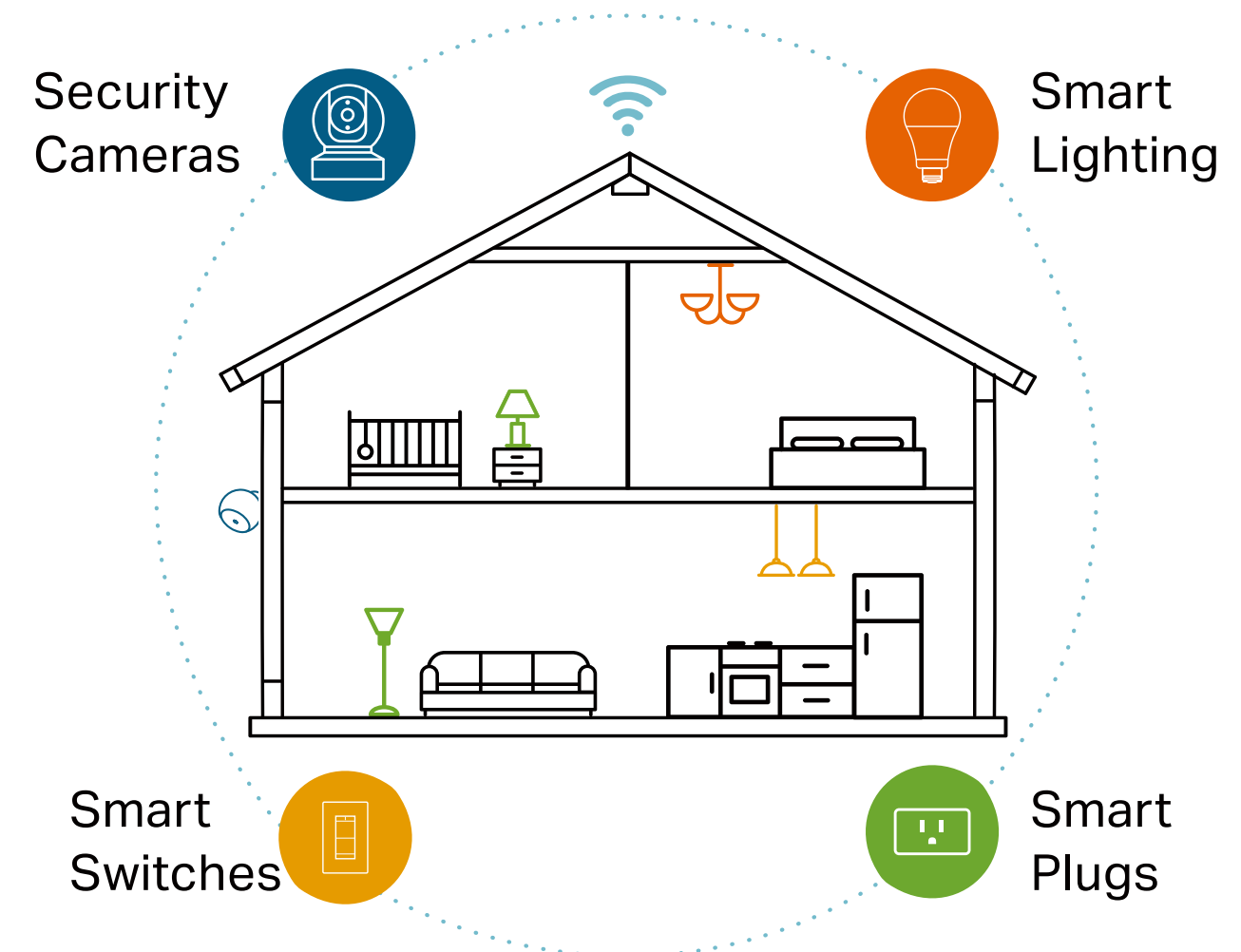
Replace your existing wired doorbell with a smarter one and answer your door from anywhere with your phone. Receive instant notifications whenever someone comes by—even before they knock. Keep an eye out for your deliveries, visitors, or possible intruders 24/7 with crystal clear video and audio.



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

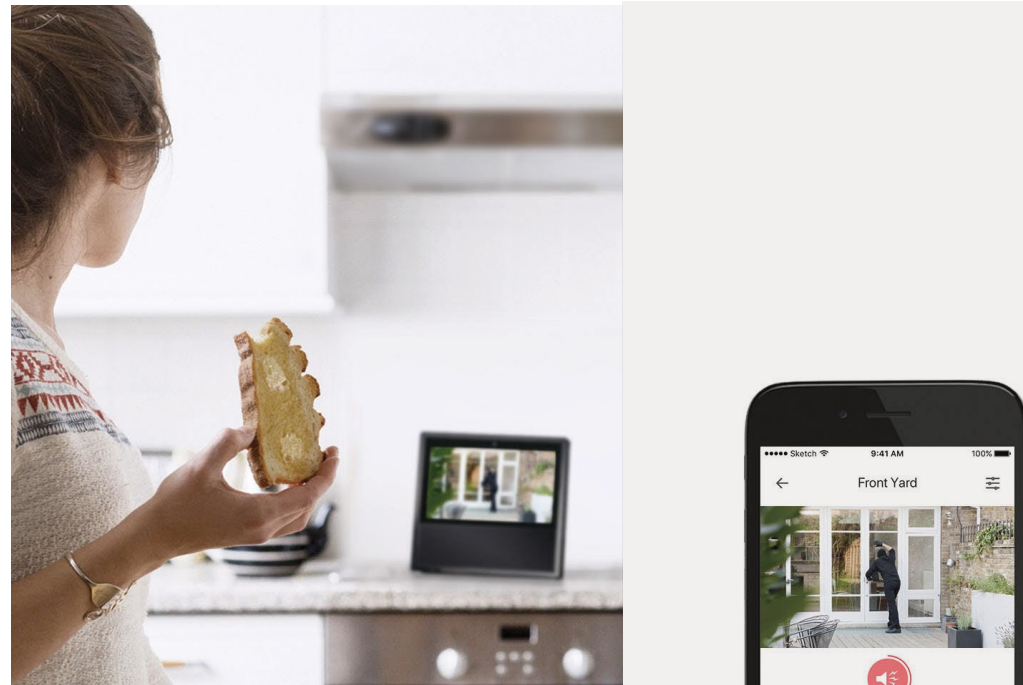
## Your Home. One App.

Turn your home into a true smart home with Kasa Smart. Automate your lights and appliances with smart plugs, bulbs, and switches. Secure your home with Kasa cameras. Control it all from the Kasa Smart app.



Learn more at [tp-link.com/smarthome](https://tp-link.com/smarthome)

# Features



## Crystal Clear Video

Sharp and clear 3 MP high resolution offers greater detail and colors, even when you zoom in.



## Notifications that Matter

Get instant push notifications when someone is detected in your custom activity zones or when the doorbell button is pressed.



## All-Weather All-Star

IP64 certified weatherproofing ensures your doorbell stays protected against rain and dust.

## Live View with Two-Way Talk

Watch live video and carry on a conversation from anywhere with your phone or other supported devices.

## Local and Cloud Storage

Save your footage continuously on a microSD card<sup>†</sup> or subscribe to a Kasa Care Plan<sup>‡</sup> to store video clips to the cloud.

## Indoor Chime Provided

Choose from a variety of ringtones to get alerted immediately when you are at home.

# Specifications

## Doorbell

**Image Sensor:** 1/2.8"

**Resolution:** 3 MP HD (2304 × 1296 pixels)

**Night Vision:** 850 nm IR LED up to 15 ft

**Lens:** F/NO: 2.1; Focal Length: 2.1 mm

**Viewing Angle:** Diagonal FOV = 160°

**Storage:** Supports Micro SD card, up to 128 GB\*

\*The microSD card is not included.

## Audio

**Doorbell:**

**Audio Communication:** 2-way audio

**Audio Input & Output:**

Built-in microphone and speaker

**Chime:**

**Audio Output:** 8 Ringtones

**Audio Output:** Built-in speaker

## Video

**Video Compression:** H.264

**Frame Rate:** 15 fps

**Video Streaming:** 3 MP HD (2304 × 1296 pixels)

**Audio Compression:** G.711

## Hardware

**Doorbell:**

**Button:** Ring button, RESET button

**LED:** System LED, Ring LED

**Dimensions (W x D x H):**

1.78 x 1.08 x 5.12 in. (45 x 27.5 x 130 mm)

**Chime:**

**Button:** Sync button, Volume button,

Ringtone button

**LED:** System LED

**Dimensions (W x D x H):**

1.71 x 1.85 x 2.87 in. (43.5 x 46.9 x 73 mm)

## Network

**Wireless Rate:**

11Mbps (802.11b)

54Mbps (802.11g)

72.2Mbps (802.11n)

**Frequency:** 2.4 GHz

**Wireless Security:** WEP, WPA/WPA2-PSK

**Security:** 128 bit AES encryption with  
SSL/TLS

## Activity Notifications

**Input Trigger:**

Motion detection, Audio detection,  
Person Detection

**Output Notification:**

Push notification

## Requirements

Existing Doorbell Wires

Transformer (not included):

16V AC ~ 24V AC, 10 VA Minimum,  
50/60Hz

Kasa Smart app and account

**Regulatory Certification:**

FCC, RoHS, ETL (for chime)

## Environment

**Operating Temperature:** -20°C~45°C (-4°F~113°F)

**Storage Temperature:** -20°C~70°C (-4°F~158°F)

**Operating Humidity:** 10%~90%RH non-condensing

**Storage Humidity:** 5%~90%RH non-condensing

## Package Contents

1× Doorbell

1× Chime

1× Positioning Card

1× Mounting Bracket

1× 15° Mounting Wedge

1× Mounting Template

2× Extension Wires

2× Wire Nuts

2× Jumpers for Existing Chime

2× Screws and Anchors

1× Quick Start Guide

1× Doorbell Detaching Pin

<sup>4</sup>The data is from TP-Link's laboratory and actual spec may vary with usage scenarios.

<sup>†</sup>The microSD card is not included.

<sup>‡</sup>Kasa Care Plans vary by country and region.

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