

Tapo KD110

Kasa Smart Video Doorbell Camera KD110 User Manual

Brand: Tapo | Model: KD110

1. PRODUCT OVERVIEW

The Kasa Smart KD110 Video Doorbell is designed to enhance your home security by providing clear video monitoring and convenient communication at your doorstep. This hardwired doorbell offers crystal clear 2K 3MP resolution, ensuring every detail is captured. With its 160-degree diagonal field of view, you can see a wide area outside your door. The included modular chime allows for flexible placement and customizable tones, ensuring you are always alerted to visitors.

Key features include:

- **2K 3MP Resolution:** Provides crisp, high-resolution video for clear identification.
- **160° Field of View:** Offers a wide perspective of your doorstep.
- **Instant Notifications:** Receive real-time alerts on your phone when motion is detected or the doorbell is pressed.
- **Modular Chime:** A plug-in chime with adjustable volume and multiple tones.
- **2-Way Audio:** Communicate with visitors from anywhere using the Kasa app.
- **Night Vision:** See clearly up to 30 ft away in the dark with the built-in IR sensor.
- **IP64 Weatherproofing:** Designed to withstand harsh particles and rain.
- **Local & Cloud Storage:** Supports up to 256GB microSD card (not included) or Kasa Care cloud subscription.
- **Smart Home Compatibility:** Works with Amazon Alexa and Google Assistant.



Image: The Kasa Smart Video Doorbell KD110 and its accompanying modular chime.

2. WHAT'S IN THE BOX

Carefully unpack the contents and ensure all items are present:

- 1 x Doorbell

- 1 x Chime
- 1 x 15° Mounting Wedge (for angled camera viewing)
- 1 x Mounting Bracket
- 1 x Positioning Card
- 2 x Extension Wires
- 2 x Wire nuts
- 2 x Jumpers for Existing Chime
- 2 x Screws and Anchors
- 1 x Doorbell Detaching Pin
- 1 x Quick Start Guide

3. SETUP AND INSTALLATION

The Kasa Smart Video Doorbell KD110 is designed for hardwired installation, replacing your existing wired doorbell. For detailed, step-by-step installation instructions, please refer to the included Quick Start Guide and the Kasa app.

3.1 Pre-installation Checklist

- Ensure your existing doorbell wiring is compatible (24 Volts AC).
- Download the Kasa Smart app from your mobile device's app store.
- Gather necessary tools: screwdriver, drill (if needed), wire strippers.

3.2 Wiring and Mounting

Follow the instructions in the Quick Start Guide to safely disconnect your old doorbell, connect the KD110 to your existing wiring, and mount it to your wall. A 15° mounting wedge is included to adjust the camera angle for optimal viewing.



Image: The Kasa Smart Video Doorbell capturing a wide 160-degree view of the entrance.

3.3 App Setup

- Open the Kasa Smart app and follow the on-screen prompts to add your new doorbell.
- Connect the doorbell to your 2.4GHz Wi-Fi network.
- Plug in the modular chime in a convenient location within your home. The chime will automatically pair with the doorbell.

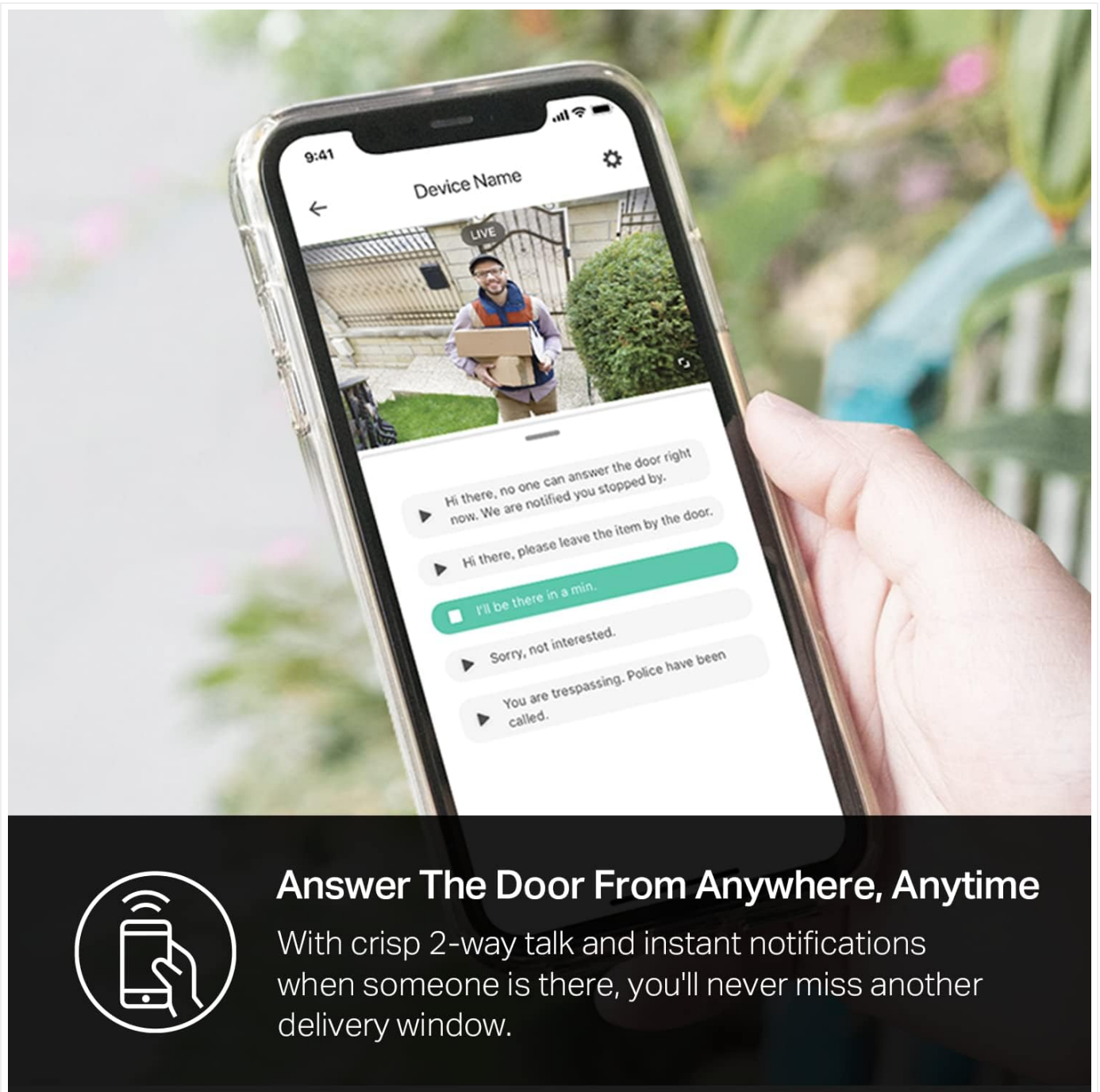
4. OPERATING INSTRUCTIONS

Once installed and configured, the Kasa Smart Video Doorbell offers a range of functionalities accessible through the Kasa Smart app.

4.1 Live View and Two-Way Audio

- Access the live feed of your doorbell camera anytime, anywhere via the Kasa app.

- Use the two-way audio feature to speak with visitors at your door directly from your smartphone.



Answer The Door From Anywhere, Anytime

With crisp 2-way talk and instant notifications when someone is there, you'll never miss another delivery window.

Image: The Kasa Smart app interface showing live video feed and two-way audio controls.

4.2 Motion Detection and Notifications

- The doorbell detects motion and can differentiate between people and other movements.
- Receive instant push notifications on your phone when motion is detected or the doorbell button is pressed.
- Customize activity zones within the app to focus on specific areas and reduce unwanted alerts.



Image: Illustration of real-time person and motion detection capabilities.

4.3 Video Storage

- **Local Storage:** Insert a microSD card (up to 256GB, not included) into the doorbell for continuous 24/7 recording.
- **Cloud Storage:** Subscribe to Kasa Care for cloud-based video history and additional features.

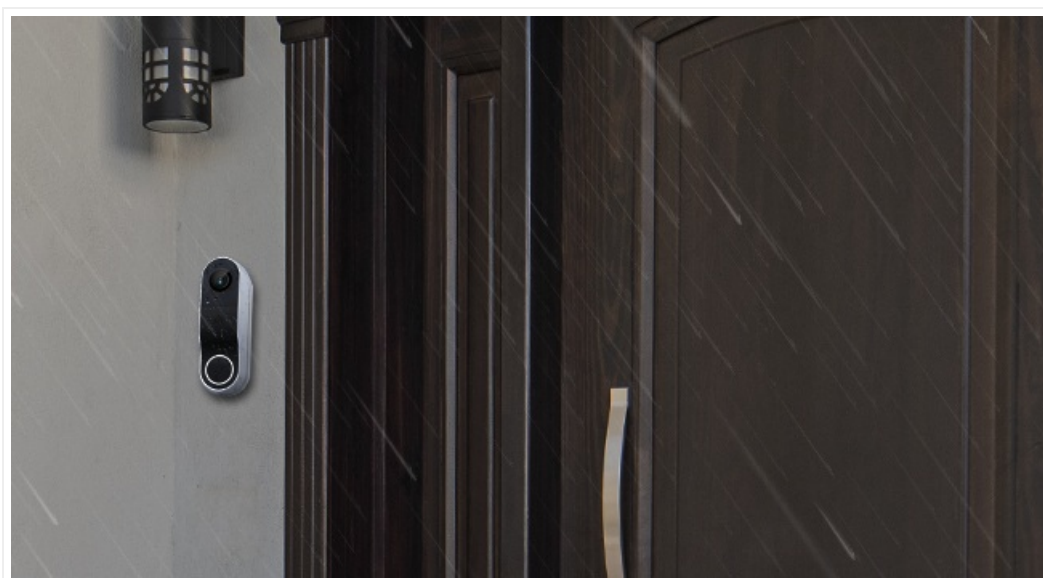


Image: Visual representation of encrypted cloud storage and 24/7 local recording options.

4.4 Smart Home Integration

The KD110 is compatible with Amazon Alexa and Google Assistant. You can view live video on compatible smart displays (e.g., Amazon Echo Show, Google Chrome Cast) and integrate it into your smart home routines.

5. MAINTENANCE

To ensure optimal performance and longevity of your Kasa Smart Video Doorbell, consider the following maintenance tips:

- **Cleaning:** Periodically wipe the camera lens and the doorbell's exterior with a soft, damp cloth to remove dust and dirt. Avoid abrasive cleaners.
- **Firmware Updates:** Keep your doorbell's firmware updated through the Kasa Smart app. Updates often include performance improvements, new features, and security enhancements.

- **Weather Protection:** While the KD110 is IP64 weatherproof, ensuring it is installed in a location that offers some protection from direct, prolonged exposure to extreme weather conditions (e.g., under an overhang) can further extend its lifespan.

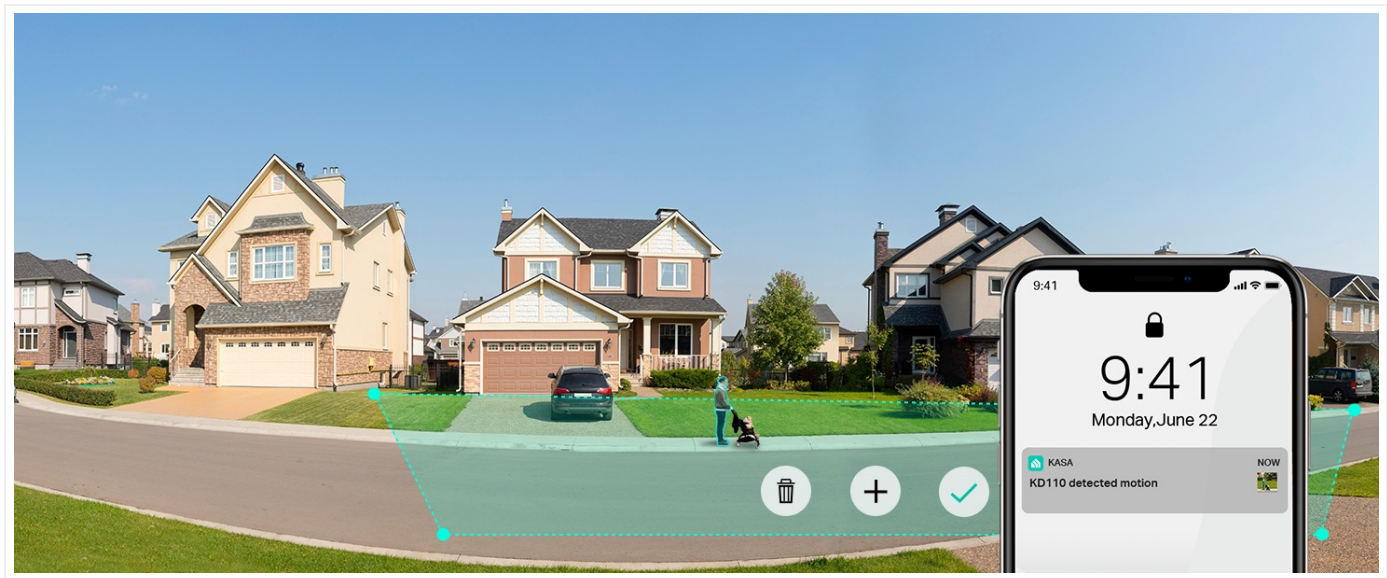


Image: The Kasa Smart Video Doorbell installed on a wall, demonstrating its weatherproof design.

6. TROUBLESHOOTING

If you encounter issues with your Kasa Smart Video Doorbell, try the following common troubleshooting steps:

- **No Power/Offline:** Ensure the doorbell is correctly wired and receiving power. Check your home's circuit breaker. Verify your Wi-Fi network is active and the doorbell is within range.
- **Poor Video Quality:** Check your Wi-Fi signal strength in the Kasa app. Ensure the camera lens is clean and free from obstructions.
- **Notifications Not Received:** Verify notification settings are enabled in both the Kasa app and your phone's operating system settings. Check for any 'Do Not Disturb' schedules set in the app.
- **Two-Way Audio Issues:** Ensure your phone's microphone is enabled for the Kasa app. Check the volume settings on both your phone and within the app.
- **Chime Not Ringing:** Ensure the modular chime is plugged in and powered on. Verify it is paired with the doorbell through the Kasa app.

For more detailed troubleshooting or persistent issues, refer to the comprehensive User Guide available online or contact TP-Link customer support.

7. SPECIFICATIONS

Feature	Specification
Model Number	KD110
Video Resolution	2K (3MP Effective)
Field of View	160 Degrees
Night Vision Range	Up to 30 Feet
Connectivity	2.4GHz Wi-Fi

Feature	Specification
Power Source	Corded Electric (24 Volts AC)
Storage Options	MicroSD Card (up to 256GB), Kasa Care Cloud Storage
Weather Resistance	IP64
Dimensions (L x W x H)	5.12 x 1.77 x 1.08 inches
Weight	9.9 ounces
Compatible Devices	Alexa, Google Assistant, iOS, Android

8. WARRANTY AND SUPPORT

The Kasa Smart Video Doorbell KD110 is manufactured by TP-Link. For warranty information, technical support, and additional resources, please visit the official TP-Link support website or refer to the documentation provided with your product.

Useful Resources:

- Installation Manual (PDF): [Download Here](#)
- User Guide (PDF): [Download Here](#)
- Kasa Care Subscription: Information regarding cloud storage plans can be found within the Kasa Smart app or on the Kasa Smart website.

