



Kasa Smart Doorbell

KD110



3 MP HD Video



Person Detection



Secure Local Storage



160° Viewing Angle^Δ



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.

Live View With Two-way Talk

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



Highlights

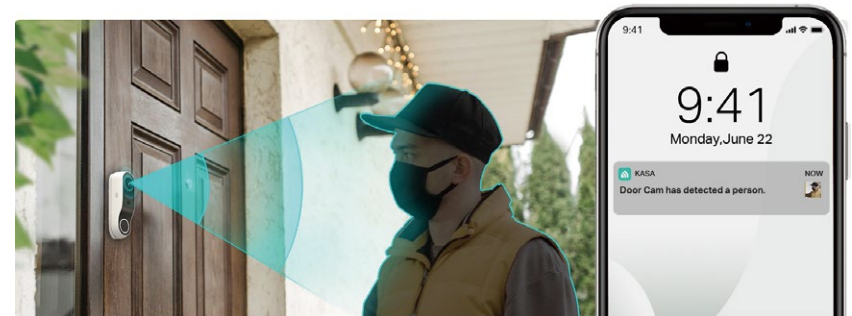
3 MP HD Video

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.



Features

Record the Whole Thing

Start recording 3-5 seconds before motion alerts triggered to give you the whole image. Subscribe to Kasa Care, store and access recorded clips in the cloud.

Local and Cloud Storage

Save your footage continuously on a microSD card[†] or subscribe to a Kasa Care Plan[‡] to store video clips to the cloud.

Night Vision

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

Crystal Clear, 24/7

The improved image sensors and high quality contrast means that you won't miss a single detail, day or night.

All-Weather All-Star

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

Indoor Chime Provided

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

[‡]The data is from TP-Link's laboratory and actual spec may vary with usage scenarios.

[†]The microSD card is not included.

[‡]Kasa Care Plans vary by country and region.

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// Specifications

Camera	Image Sensor	1/2.8" Progressive Scan CMOS Sensor
	Lens	Focal Length: 2.1 mm Aperture: F2.1 Field of View: 160° Diagonal
	Night Vision	850 nm IR LED (30 ft / 9 m)
	Day/Night Switch	IR-Cut Filter with Auto-Switching
	Interface & Button	1× RESET Button 1× Doorbell Button 1× microSD Card Slot
Chime	Interface & Button	1× RESET/SYNC Button 1× Volume Button 1× Music Button
Storage	Local Storage	microSD Card Slot on Doorbell (Up to 256 GB) [†]
	Cloud Storage	Kasa Care Cloud Storage Services (Subscription required) [‡]

Video & Audio	Maximum Resolution	2K 3MP (2304 × 1296px)
	Frame Rate	15 fps
	Digital Zoom	10x
	Video Compression	H.264
	Live View	Yes
	Image Enhancement	3DNR WDR
	Audio Input & Output	Built-in Microphone and Speaker
	Audio Communication	Two-Way Audio with Noise Cancellation
Detection & Notification	AI Detection	Motion Detection Person Detection Audio Detection
	Activity Zones	Yes
	Output Notification	System Notification System Notification with Snapshot (Kasa Care Services)

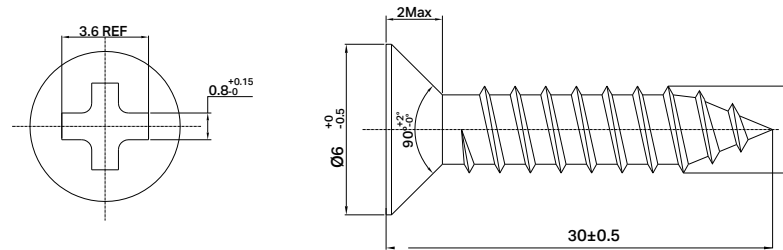
Network	Network Connectivity	Connect via Wi-Fi
	Wireless Connectivity	IEEE 802.11b/g/n, 2.4 GHz Wi-Fi
	Transmission Rate	11b: 11 Mbps 11g: 54 Mbps 11n: 72.2 Mbps
	Protocol	TCP/IP, DHCP, ICMP, DNS, NTP, HTTPS, TCP, UDP
Security	Security	On-Device Machine Learning 128-bit AES Encryption with SSL/TLS WPA/WPA2-PSK/WPA3
Power	Power Source	Hardwire Only
	Input Voltage	Hardwire Input: 16~24VAC; 10VA min
	Typical Power Consumption	Doorbell Typical Power Consumption: 2.5 W
	Maximum Power Consumption	Doorbell Max Power Consumption: 4.5 W

General	Certifications	FCC, ETL, RoHS
	Smart Integration	Google Assistant, Amazon Alexa
	Weather Resistance	IP64
	Mounting Options	Stick to a Wall Mount to a Wall
	Operating Temperature	-20° C~45° C (-4° F~113° F)
	Storage Temperature	-20° C~60° C (-4° F~140° F)
	Operating Humidity	10%~90% RH, Non-condensing
	Storage Humidity	5%~90% RH, Non-condensing

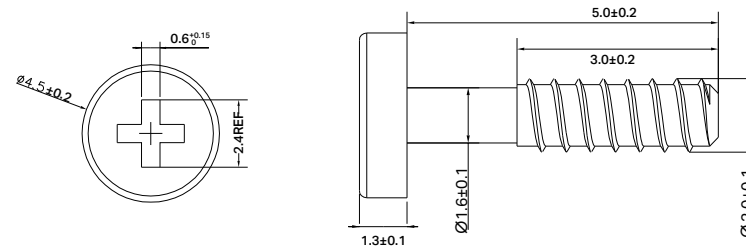
General

Screw Size

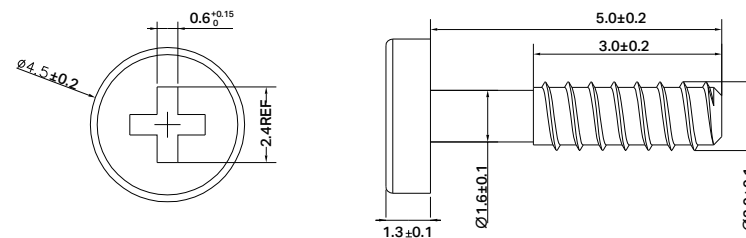
Size of Mounting Screws



Size of Screws Securing SD Card



Size of Wiring Screws



General	Dimensions	Doorbell Dimensions: 1.78 x 1.08 x 5.12 in. (45 x 27.5 x 130 mm) Chime Dimensions: 1.71 x 1.85 x 2.87 in. (43.5 x 46.9 x 73 mm)
	Package Contents	1× KD110 Wired 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