

# Video Doorbell Camera Kit

Tapo D230S1

2K  
5MP



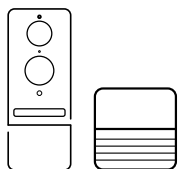
## Ultra-Wide Viewing Angle

Wire-Free Placement with  
6700mAh Removable Battery†

Person/Vehicle  
Detection

Quick  
Response

IP64 Water &  
Dust Resistant



Hub Required

## // Highlights

### Ultra-Wide Viewing Angle

Equipped with an ultra-wide 160-degree diagonal viewing angle, the Tapo camera's 4:3 view ensures that users can see visitors from head to toe, displaying more vertical details than other 16:9 doorbells.



### Free AI Detection

Enjoy free AI detection to identify people and vehicles, and notify you as needed.



## // Highlights

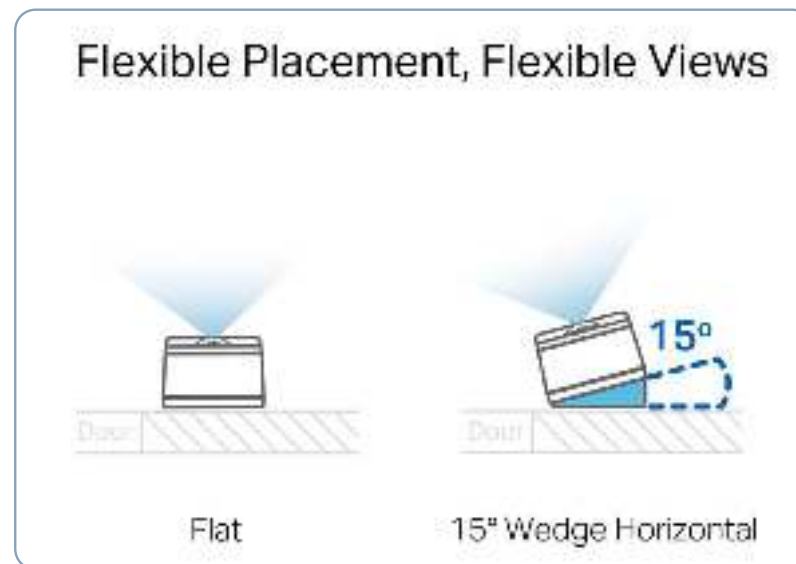
### 2K 5MP Live View

Always know what happens in front of your door through the Tapo app. With the starlight sensor and 2K 5MP resolution, check all the fine details captured even in low-light environments.



### Tailored Viewing Experience with Wedge

With the added flexibility of the 15° adjustable wedge, you have the power to tailor your camera's viewpoint according to your preferences.



## // Features

### **Wire-Free Placement with 6700mAh Removable Battery†**

The rechargeable and removable battery with a low-power protocol extends your usage.

### **Wire-Free Placement**

No wires means you can place the doorbell anywhere you want.

### **Person/Vehicle Detection**

Smart AI identifies people and vehicles, notifying users as needed.

### **Color Night Vision**

Reveals high-fidelity details and color at night with the starlight sensor and spotlight.

### **Two-Way Audio**

Communicate in real time through a built-in microphone and speaker.

### **Quick Response**

Respond to your deliveries without saying a word with customizable responses through the Tapo app.

### **Hub as Indoor Chime**

Choose from a variety of ringtones to replace a traditional wired chime.

### **Customizable Activity Zones**

Set customizable activity zones to receive more accurate notifications.

### **Anti-Theft Alarm**

Be alerted when someone is trying to remove the doorbell.

†Actual battery life may vary based on device settings, use, and environmental factors.

‡Compatible with Alexa and Google Assistant supported displays. User experience is dependent on the connected device's specifications.

§microSD card purchased separately.

\*\*Subscribe for cloud storage at <https://www.tapo.com/tapocare/>

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## // Specifications

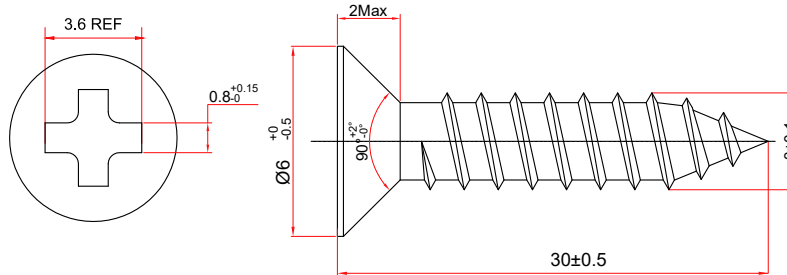
|               |                               |                                                                                              |
|---------------|-------------------------------|----------------------------------------------------------------------------------------------|
| <b>Camera</b> | <b>Image Sensor</b>           | 1/2.7" Progressive Scan CMOS Sensor                                                          |
|               | <b>Lens</b>                   | Focal Length: 2.1 mm<br>Aperture: F2.1<br>Field of View: 160° Diagonal                       |
|               | <b>Night Vision</b>           | 850 nm IR LED up to 33 ft<br>Full-Color Night Vision                                         |
|               | <b>Day/Night Switch</b>       | IR-Cut Filter with Auto-Switching                                                            |
|               | <b>Lighting</b>               | Built-in Spotlights                                                                          |
|               | <b>Interface &amp; Button</b> | 1× RESET Button<br>1× Doorbell Button<br>1× Anti-Theft Button                                |
|               | <b>Hub Compatibility</b>      | Compatible with H200 (Included)                                                              |
| <b>Hub</b>    | <b>Interface &amp; Button</b> | 1× Ethernet Port<br>1× RESET Button<br>1× microSD Card Slot (Up to 512 GB)<br>1x SYNC Button |

|                                                      |                      |                                                                                                                                                    |
|------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Video &amp; Audio</b><br><b>Video &amp; Audio</b> | Maximum Resolution   | 2K 5MP (2560 × 1920px)                                                                                                                             |
|                                                      | Frame Rate           | 15 fps                                                                                                                                             |
|                                                      | Digital Zoom         | 16x                                                                                                                                                |
|                                                      | Video Compression    | H.264                                                                                                                                              |
|                                                      | Live View            | Yes                                                                                                                                                |
|                                                      | Image Enhancement    | 3DNR<br>WDR                                                                                                                                        |
|                                                      | Audio Input & Output | Built-in Microphone and Speaker                                                                                                                    |
|                                                      | Audio Communication  | Two-Way Audio with Noise Cancellation                                                                                                              |
|                                                      | Siren Volume         | <b>Doorbell:</b> 96 dB (Anti-theft siren, Level measured at 4-inch/10-cm distance)<br><b>Hub:</b> 100 dB (Level measured at 4-inch/10-cm distance) |
| <b>Storage</b>                                       | Local Storage        | microSD Card Slot on Camera (Up to 512 GB) <sup>§</sup>                                                                                            |
|                                                      | Cloud Storage        | Tapo Care Cloud Storage Services (Subscription required)**                                                                                         |

|                                     |                       |                                                                                   |
|-------------------------------------|-----------------------|-----------------------------------------------------------------------------------|
| <b>Detection &amp; Notification</b> | AI Detection          | Motion Detection<br>Person Detection<br>Vehicle Detection                         |
|                                     | Activity Zones        | Yes                                                                               |
|                                     | Output Notification   | System Notification<br>System Notification with Snapshot (Tapo Care Services)     |
| <b>Network</b>                      | Network Connectivity  | Connect via Wi-Fi                                                                 |
|                                     | Wireless Connectivity | IEEE 802.11b/g/n, 2.4 GHz Wi-Fi                                                   |
|                                     | Transmission Rate     | 11b: 11 Mbps<br>11g: 54 Mbps<br>11n: 72.2 Mbps                                    |
|                                     | Protocol              | TCP/IP, ICMP, DNS, HTTPS, TCP, UDP                                                |
| <b>Security</b>                     | Security              | On-Device Machine Learning<br>128-bit AES Encryption with SSL/TLS<br>WPA/WPA2-PSK |

|                |                           |                                                                                           |
|----------------|---------------------------|-------------------------------------------------------------------------------------------|
| <b>Power</b>   | Power Source              | Doorbell: 6700 mAh Removable Rechargeable Lithium-ion Battery<br>Hub: 9V DC Power Adapter |
|                | Input Voltage             | Hub Adapter Input: 100-240 V, 50/60 Hz, 0.3 A                                             |
|                | Output Voltage            | Hub Adapter Output: 9.0 V, 0.85 A                                                         |
|                | Power Cord Length         | Doorbell Battery Pack Adapter Cord Length: 0.5 m<br>Hub Adapter Cord Length: 1.5 m        |
|                | Typical Power Consumption | Doorbell Typical Power Consumption: 1.05 W                                                |
|                | Maximum Power Consumption | Doorbell Max Power Consumption: 2.39 W                                                    |
| <b>General</b> | Certifications            | CE, RoHS, RCM,R-NZ,FCC, EAC, Triman, UKCA                                                 |
|                | Smart Integration         | Google Assistant, Amazon Alexa                                                            |
|                | Weather Resistance        | IP64                                                                                      |
|                | Mounting Options          | Stick to a Wall<br>Mount to a Wall                                                        |



|         |                       |                                                                                                                                     |
|---------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| General | Operating Temperature | Doorbell Operating Temperature: -20 ° C ~ 45 ° C (-4 ° F ~ 113 ° F)<br>Hub Operating Temperature: 0 ° C ~ 40 ° C (32 ° F ~ 104 ° F) |
|         | Storage Temperature   | -40°C ~60°C                                                                                                                         |
|         | Operating Humidity    | 10%~90% RH, Non-condensing                                                                                                          |
|         | Storage Humidity      | 5%~90% RH, Non-condensing                                                                                                           |
|         | Screw Size            | Mounting screw size:<br>                         |
|         | Dimensions            | Doorbell Dimensions: 5.7 × 0.21 × 1.3 in (146 × 54.5 × 35.5 mm)<br>Hub Dimensions: 2.8 × 2.8 × 1.2 in (71.45 × 71.45 × 31.25 mm)    |

|                       |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>General</b></p> | <p>Package Contents</p> | <p>                     Tapo Video Doorbell × 1<br/>                     Tapo H200 Hub × 1<br/>                     Tapo A100 Battery × 1<br/>                     DC Power Adapter × 1<br/>                     RJ45 Ethernet Cable × 1<br/>                     USB Adapter Cable × 1<br/>                     Screws and Anchors × 3<br/>                     3M Adhesive × 1<br/>                     Mounting Bracket × 1<br/>                     Mounting Template × 1<br/>                     15° Mounting Wedge × 1<br/>                     Doorbell Detaching Pin × 1<br/>                     Button Sticker × 1<br/>                     Mounting Wedge Screw × 5<br/>                     Quick Start Guide                 </p> <p>Note: Package contents may vary from regions.</p> |
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