



# DB2

## Battery-Powered Video Doorbell Kit

### Reliable front-door protection in 2K resolution

Know who's there for what, before you open the door. The EZVIZ DB2 is a 100% wire-free doorbell kit that covers all your basic needs for front-door protection and communication. Despite its super easy installation and reliable use in all weathers, the doorbell comes with multiple advanced features including 2K video, extremely wide field-of-view, and smart motion detection.



2K Resolution



Smart Human  
Motion Detection



176° Ultra-Wide  
Field of View



5,200 mAh  
Rechargeable  
Lithium Battery



Wi-Fi Chime Included  
(Supports microSD card  
up to 256 GB)



Multiple Ringtones  
Available



IR Night Vision  
(Up to 5 m / 16 ft)



Anti-Tamper Alarm



Weatherproof  
Design

**H.265**

H.265 Video  
Technology





# See in 2K with the brand-new DB2 doorbell.

No more frustration with pixelated or blurry videos. The DB2 records everything happening at your doorstep in 2K resolution. It also provides 5-meter infrared night vision for 24/7 peace-of-mind.



DB2 with a 2K camera



Prevailing 2MP cameras on the market

# A well-thought-out solution in one kit.

To make sure you hear the ring even from afar, EZVIZ pairs it with an indoor chime. What’s better, the chime can help extend your Wi-Fi signal, and boost the network for the doorbell to ensure it get connected stably – which many wireless doorbells may struggle with.



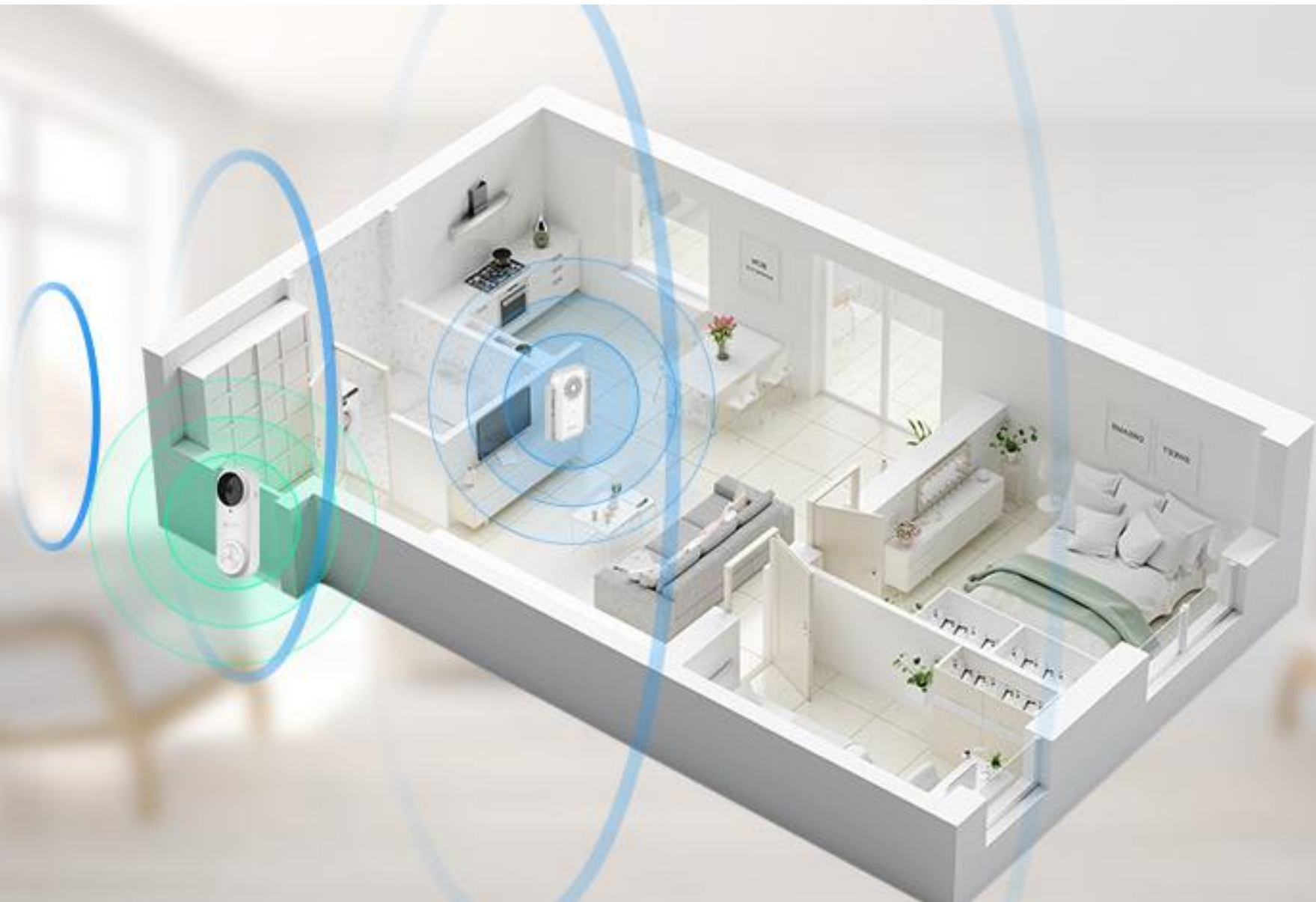
Multiple Ringtones Available



Wi-Fi Connection Booster For The Doorbell



MicroSD Card Slot (up to 256 GB)



\*The DB2 can also be compatible with all 16/24V mechanical or electric chimes that you already have at home.



# Set up in minutes, and use for about 4 months.

If you are less than a stellar electrician, this wireless, wire-free and weatherproof DB2 could be your best option – stick it anywhere and enjoy long-lasting performance.



Weatherproof  
Design



Up to 115-Day  
Battery Life\*  
(5,200 mAh  
rechargeable battery)



Energy-Saving  
Mode



\*Data from EZVIZ's lab results, based on the usage of 5 minutes per day under standard conditions.

# See ultra-wide to get the whole picture.

With a 176-degree viewing angle, you can easily see the postman from head to toe and know where he places your package. The doorbell also comes with several different mounting plates in the package, which can help adjust the angle of installation to optimize the doorbell's vision.



Adjust Coverage With Different Mounts



176°  
Diagonal



## A smart doorkeeper to keep you in the know.

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With both human-shape and PIR detection capabilities, the device is smart enough to distinguish people from pets or objects. You can customize the alert trigger conditions to adjust its sensibility.

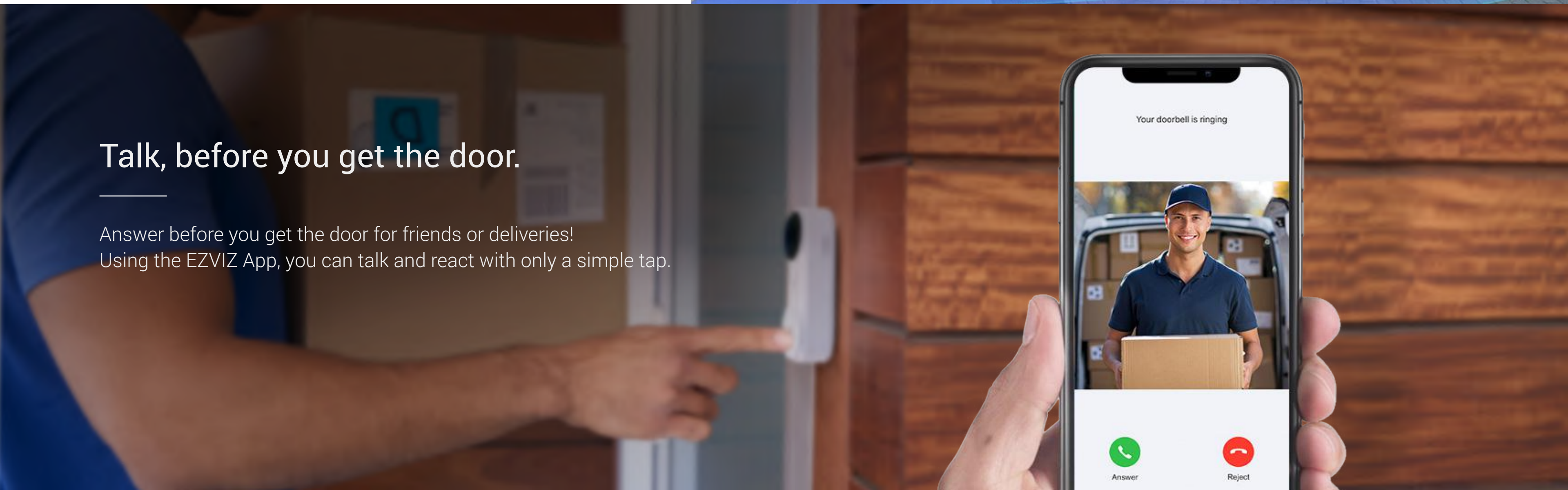
\*The suggested PIR detection distance comes from EZVIZ Lab's test results.  
May vary based on different environmental factors.



## Talk, before you get the door.

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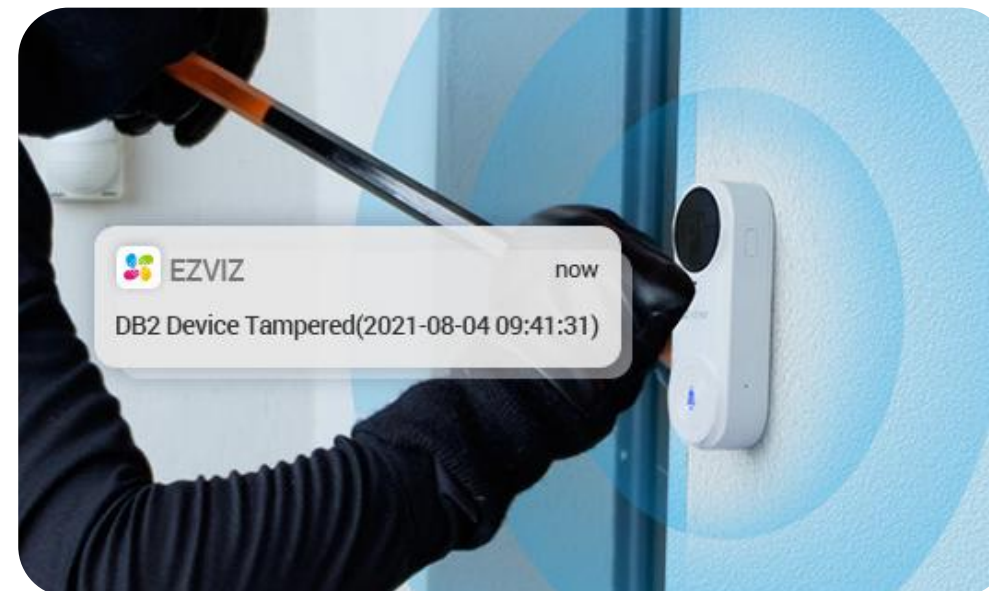
Answer before you get the door for friends or deliveries!  
Using the EZVIZ App, you can talk and react with only a simple tap.



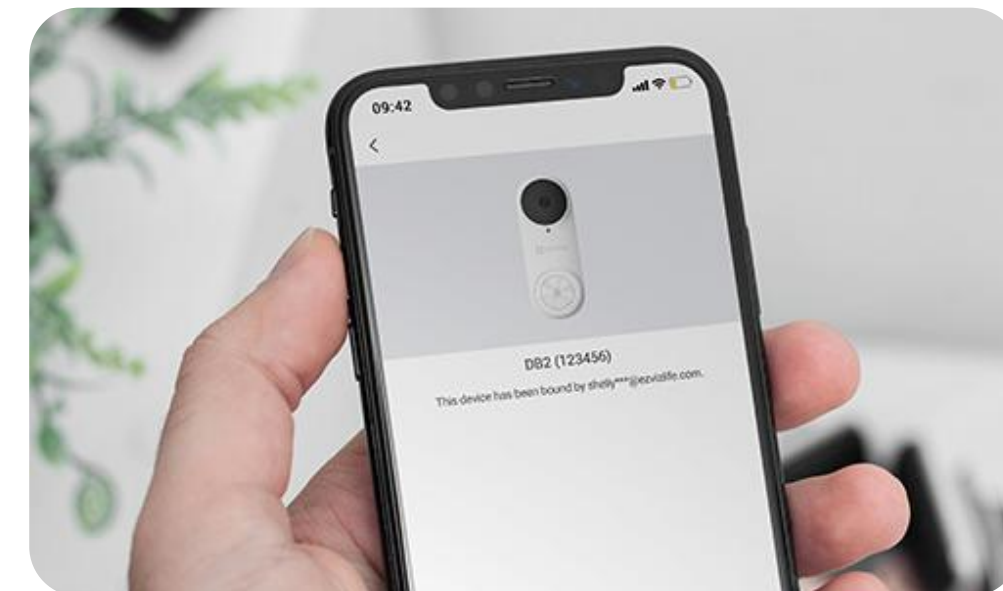


## Easy to use but hard to tamper with.

In case the doorbell is forcibly removed, a sharp alarm will sound and a mobile alert will be instantly sent to you. What's more, the DB2 prohibits unauthorized use after theft, thanks to the account binding restriction.



Anti-Tamper Alarm



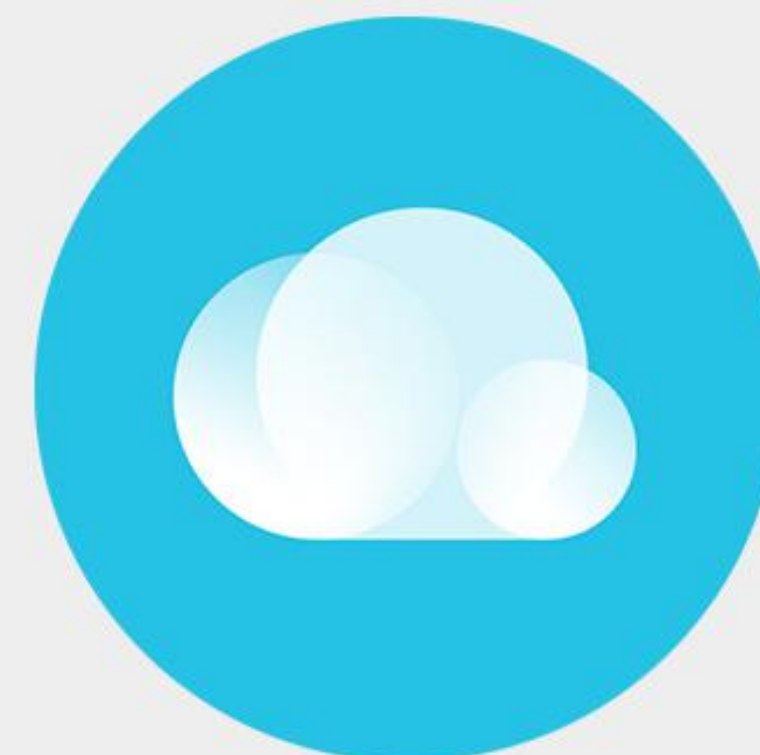
Unique Cloud Account Binding

## Safe, flexible storage options.

You can insert a microSD card onto the indoor chime to save your recordings locally, without worrying about any data loss even if the doorbell is damaged or lost. You can also subscribe to EZVIZ CloudPlay for unlimited storage space and an additional layer of data protection.



Supports MicroSD Cards



Encrypted Cloud Storage\*

\*Cloud storage service is only available in certain markets. Please verify the availability before making any purchase.



# Reduce video storage space and ease network loads.

The doorbell features the advanced H.265 video compression technology, achieving same or better video quality while reducing required bandwidth and storage space.

\*When the 24/7 recording mode is applied, the H.265 technology can reduce the video storage space and bandwidth by 50% as compared to H.264.



H.264 (Mainstream Video Compression)



Required Bandwidth



Required Storage Space



H.265 (Upgraded Video Compression)



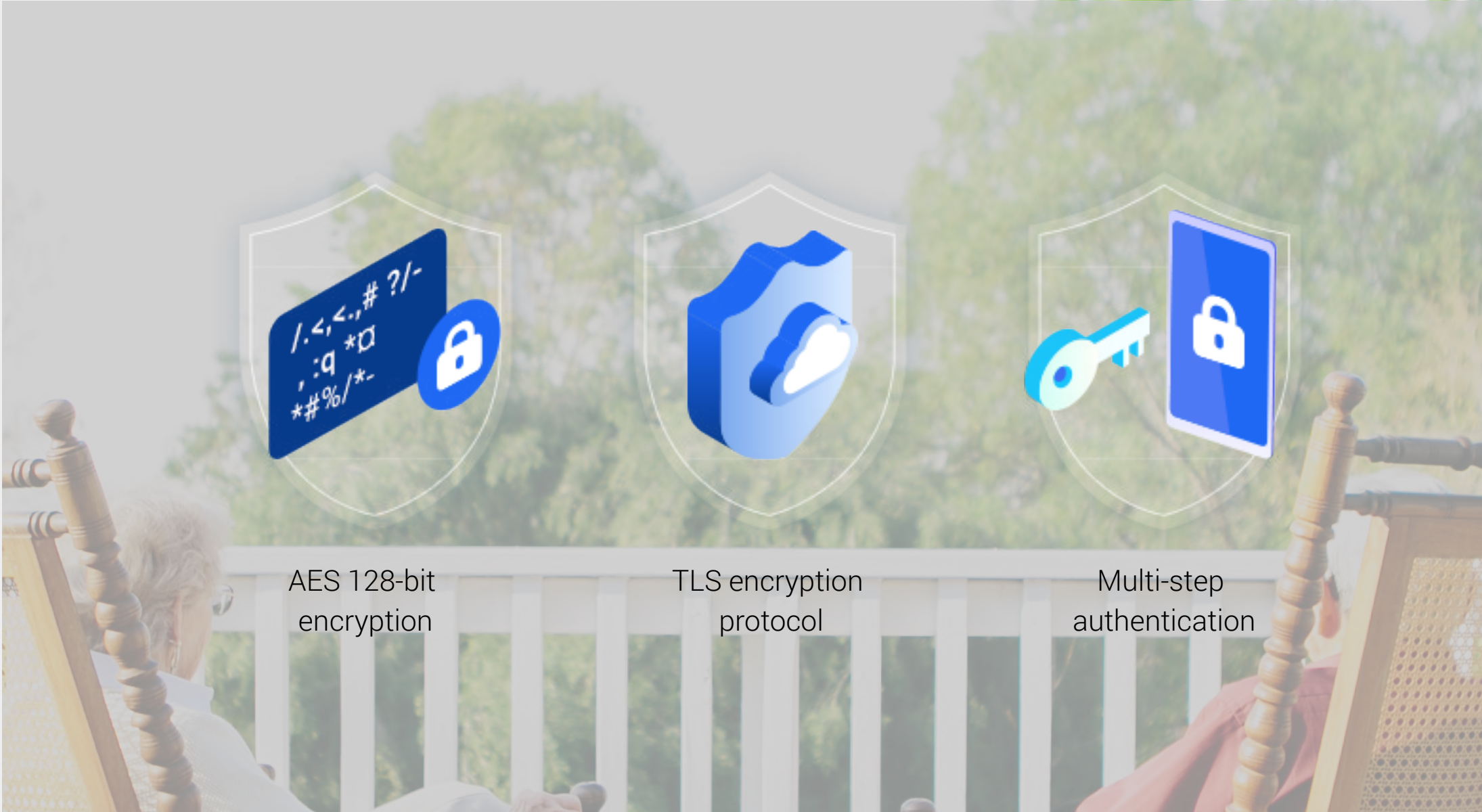
Required Bandwidth



Required Storage Space

# We protect your data and privacy.

Your data security and privacy is the cornerstone of every product we design. Data activities between the device and the EZVIZ Cloud is encrypted from end to end. Only you have the keys to decrypt your data.



AES 128-bit encryption



TLS encryption protocol



Multi-step authentication

# Specifications

CS-DB2-A0-2C3WPB

## Camera Parameters

Image Sensor	1/2.7" Progressive Scan CMOS (Supports low light sensitivity)
Lens	2.0 mm @ F2.0, view angle: 176° (Diagonal)
Day & Night	IR-cut filter with auto-switching

## Video Parameters

Max. Resolution	2000 × 1504
DNR	2D/3D DNR
Video Compression	H.265 / H.264
Frame Rate	Max: 15fps; Self-Adaptive during network transmission

## PIR Sensor

Sensing Angle	100°
Sending Distance	Max. 5 m (16.4 ft)
Sensitivity	User adjustable (High, Medium and Low Sensitivity)

## Interface

Audio Input	Built-in high-sensitivity microphone
Audio Output	Built-in high-power speaker
Reset button	Yes

## Network Parameters

Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol

## Functions

Intelligent Alarm	PIR + human shape smart motion detection
Tamper Alarm	Sound and light anti-dismantling alarm (supports sending alerts to the smartphone)
Video Intercom	Long-distance video two-way talk

## Wi-Fi Parameters

Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	Supports 20 MHz
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK
Transmission Rate	11b: 11Mbps, 11g :54Mbps, 11n :150Mbps

# Specifications

CS-DB2-A0-2C3WPB

## General

Operation Conditions	-20°C to 50°C (-4°F to 122°F), Humidity 95% or less (non-condensing)
Ingress Protection Grade	IP65
Weight	241.35 g (8.5 oz)
Size	150 × 58 × 32 mm (5.91 × 2.28 × 1.24 inch)
Battery Capacity	5200mAh rechargeable lithium battery
Power Supply	DC5V±10% 2A
Power Consumption	Max. 2W

## Chime

Size	100 × 55 × 35 mm (3.94 × 2.17 × 1.38 inch)
Power Supply	AC 110 ~ 240V
Wi-Fi Standard	IEEE802.11b, 802.11g, 802.11n
Ringtone	Supports 20 ringtones with adjustable volume levels
Audio Output	72 dB within 1 meter
Storage	Supports microSD card up to 256 GB
Weight	120 g (4.2 oz)



## In the box:

- DB2 Video Doorbell
- Chime
- Mounting Plates
- Inclined Mounting Plates (2)
- Screwdriver and Screw Kits (2)
- Foam Sticker
- Plate Foam
- Drill Template
- Pin
- U-shaped Wire and Wire Connectors (3)
- Power Cable
- Quick Start Guide
- Installation Guide
- Regulatory Information

## Certifications:

UL / CE / FCC / REACH / WEEE / RoHS

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