

# Battery Doorbell Feature Intro

MAR, 2020



# Better Doorbell View | 2K Resolution + Wide Dynamic Range + 4:3 Aspect Ratio



## 2K Resolution

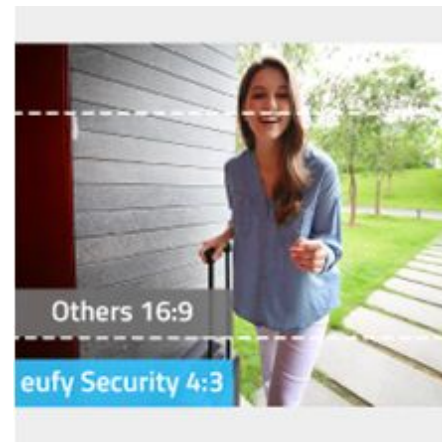
The doorbell outputs 2560 x 1920 resolution, which is 2.5x pixels of 1080p.



## Wide Dynamic Range

Doorbell usually sees visitor in backlit because of the bright sky in background.

Wide Dynamic Range balances the bright and dark parts to let user see visitor's face clearly.



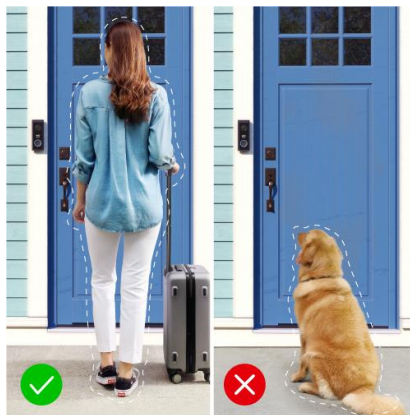
## 4:3 Aspect Ratio

Most doorbells are mounted at the height of 48" (1.2m) near the door knob. Traditional 16:9 image doesn't provide ideal vertical view.

4:3 aspect ratio balances horizontal and vertical directions to ensure user sees visitor's face.

# Precise Detection

■ Motion Detection is determined by Motion Sensor, AI and Activity Zone



## 1. Motion Sensor

Motion sensor scans the environment 24x7 for moving objects emitting heats. But no motion sensor can distinguish human, pets or passing cars.

Once an event is detected, the doorbell camera wakes up and captures image.



## 2. AI - Human Body Detection

The on-device AI analyzes video and seeks for positive human body. If no human body is detected in specific duration, the doorbell stops recording and return to power saving mode for battery preservation. If human body is detected, the judgement moves forward.



## 3. Activity Zone

If activity zone is set, and the detected human body is in the zone, doorbell considers it a valid event. The doorbell notifies user and continues recording. If not, the doorbell doesn't notify user or keep the recording.

# 6Mo Battery Life

## Proprietary Low-Power Wireless Connection + AI Reduces False Detection Waste



### 1. Proprietary Low-Power Wireless Connection Reduces Standby Power by 58%.

There are 1,440 minutes in a 24-Hour day. But in most cases, the doorbell is active for about 10 minutes only. Considerable power is used to keep the doorbell alive on Wi-Fi but does nothing.

Our HomeBase and doorbell runs proprietary low-power wireless connection in pairs. So that they extend Wi-Fi keepalive interval to preserve standby power, while still balancing the responsiveness.

Regular home Wi-Fi doesn't support proprietary wireless connection for the reason of compatibility with other devices.



### 2. AI Reduces False Detection Waste

When doorbell detects an event and starts recording, on-device AI chimes in and analyzes it.

If no human body is detected in specific duration, the doorbell stops recording and return to power saving mode for battery preservation.

# Advanced Data Security

■ User's Video Is Saved on HomeBase, Which Is Kept In the House



## Video is kept in your house.

Even the bad guy steals or damages the doorbell, all your videos are saved on HomeBase, which is kept in your house.



## Video doesn't upload to the cloud.

The HomeBase has built-in 16GB eMMC for video storage. User's video doesn't upload to any cloud. User doesn't need to pay monthly fee for cloud storage or AI feature.



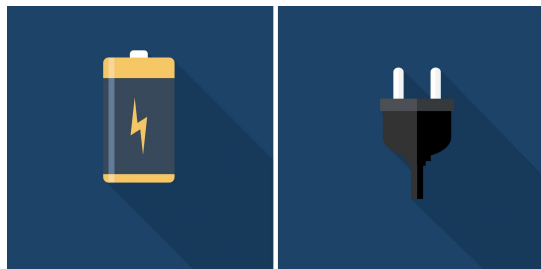
## Video is encrypted on Military-Grade AES-256.

Video is encrypted on military-grade AES-256 on the doorbell and then transmit to HomeBase for storage. Video files cannot be played before decryption. The decryption key associates with user account.

# Easy Installation

■ No Need to Bother Wiring. Adaptive to Any Front Door

eufy  
SECURITY



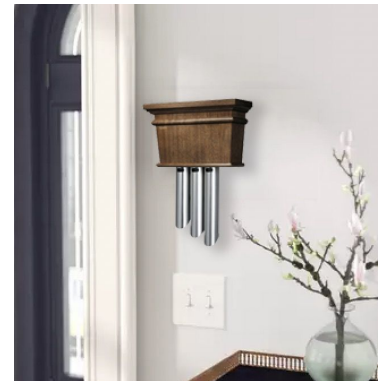
## Dual Power Options.

The doorbell supports both hardwired and battery power options. If you don't want to bother the wires, just use the built-in battery to power up the doorbell.



## HomeBase as Doorbell Chime

When visitor is pressing doorbell, HomeBase in the house plays ringtone to notify people in the house.



## Works with Original Chime

If user would like to ring the original chime, just connect the wires to the doorbell. No need to re-work on the chime or wires.

# Doorbell Skills on Alexa

Use Multiple Echo Dots as Chimes Around Your House.  
Connect Doorbell to Trigger Other Alexa Compatible Devices.



## Doorbell Announcement

Now eufy Video Doorbell can use Doorbell Announcement to sound multiple Echo Dots when visitor is pressing the doorbell.



## Alexa Routines for “if trigger then action”

Use Alexa Routines feature to connect eufy doorbell to your Alexa compatible smart home devices, like the smart bulbs or letting Alexa saying specific words.



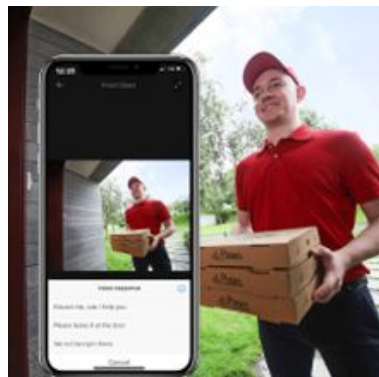
## More Features

Use Multiple Echo Dot as Chimes Around Your House.  
Connect Doorbell to Trigger Other Alexa Compatible Devices.



### Facial Snapshot Notification.

Receive facial snapshot notifications so that you can quickly check who is at the door.



### Pre-recorded Response.

When you are notified of activity simply select one of your pre-recorded responses to interact and give instructions.



### Multi-Platforms.

You can use the doorbell on multiple platforms, like smart phones, tablets and web browser.



# Comparison Chart



	Eufy Wired 2K	Eufy Battery 2K	Rxxx Gen1	Rxxx Gen2	Rxxx Pro	Nxxx Hello
Image Quality	2K(2560x1920) 4:3 Aspect Ratio	2K(2560x1920) 4:3 Aspect Ratio	720P	1080P	1080P	1600x1200, 4:3 Head to Toe, HDR
Battery Capacity	Wired	6500mAh, non-detachable	6000mAh, non-detachable	6040mAh, detachable	Wired	Wired
Battery Life	Wired, no limit	6 months	3-6 months	3-6 months	Wired, no limit	Wired, no limit
Power Options	Wired Only	Battery and Wired	Battery and Wired	Battery and Wired	Wired Only	Wired Only
Video Storage	4GB on doorbell, 40 Days	16GB on HomeBase, 180 Days	Cloud, requires subscription	Cloud, requires subscription	Cloud, requires subscription	Cloud, 3 hour free
Motion Detection	on-Device AI	on-Device AI	Motion Sensor	Motion Sensor	Motion Sensor	Cloud AI
Wi-Fi	2.4GHz Only	2.4GHz Only	2.4GHz Only	2.4GHz Only	2.4GHz+5GHz	2.4GHz+5GHz
Doorbell Chime	Free	HomeBase as Chime Comp' w/ Existing Chime	Pay Extra	Pay Extra	Pay Extra	Google Home as chime
3s Pre-Recording	Yes	No	No	No	No	Yes, Continuous Recording