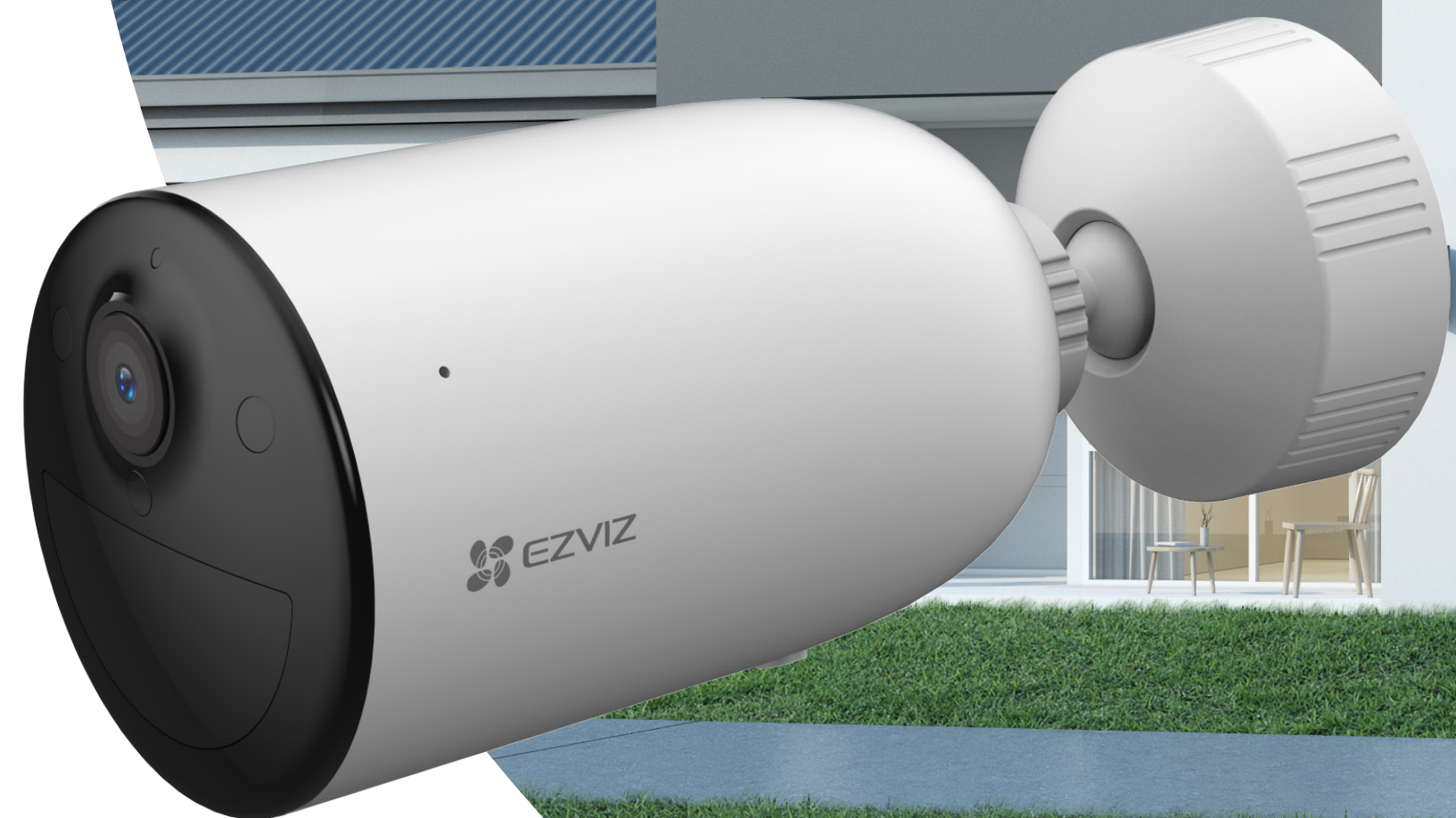# EZVIZ™

HB3 2K

Add-On Battery Camera

Requires a W2HS Base Station and the camera alone will not work

Scale up home protection in an easy way

This add-on camera works for users with a HB3 2K kit. It inherits the much-needed features from EZVIZ's best-selling battery camera series, maintains a steady connection to your home Wi-Fi, and expands your home security system with no hassles.
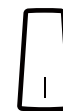
2K Resolution	Up to 120 Days of Battery Life[1] (5200 mAh)	Smart Human Motion Detection	Requires Using with an HB3 Base Station	
High-Performance Wi-Fi HaLow™	Color Night Vision	Two-Way Talk	Customizable Voice Alerts	
Active Defense with Siren and Strobe Light	H.265 Video Technology	Weatherproof Design	Smart Integration with Google Assistant & Amazon Alexa	Works with EZVIZ Solar Panel[2] for Battery Charging

A truly easy and reliable Wi-Fi camera

Battery-powered with no strings attached, the HB3 works great anywhere around the house. No more worries about losing the connection. The HB3 incorporates Wi-Fi HaLow™ to provide more robust connection performance than most other home cameras you will find, penetrating walls and obstacles with longer transmission range and lower power consumption.

DIY **100%** Battery-Powered Wire-Free Installation

Boosted Wi-Fi Performance By **50%** [3]

Charge every 120 days or go solar

Thanks to the 5,200 mAh built-in rechargeable battery, the HB3 runs up to 120 days for a busy household with 300-second detection activities per day[3]. Or, you can purchase an EZVIZ solar panel[2] to keep it always charged.

Capture every moment in superb clarity

Blurry imaging can cause troubles when it comes to home security. The EZVIZ HB3 features ultra-clear 2K resolution to provide advanced detail capturing. It's hard to miss a thing even you're away from home.

Crisp 2K

See vivid details even at night

Fuzzy and pixelated night vision is now history. The HB3 renders far-reaching color night vision at up to 15 meters away. What's better, you can choose between color mode or the infrared black & white mode as you like.
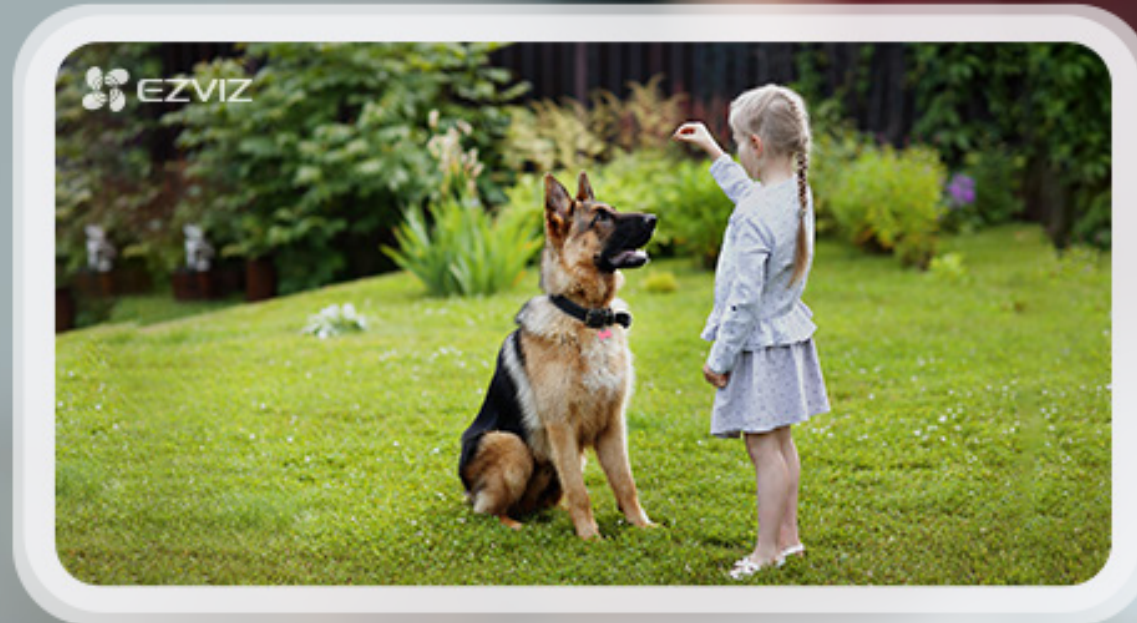
2 Spotlights | Full-Color Night Vision

2 IR Lights | Black & White Night Vision

Smarter alerts that truly matter

Integrating a PIR sensor and the person-shape detection algorithm, the HB3 can distinguish people from pets or other moving objects. That means you will receive smarter notifications on important activity.
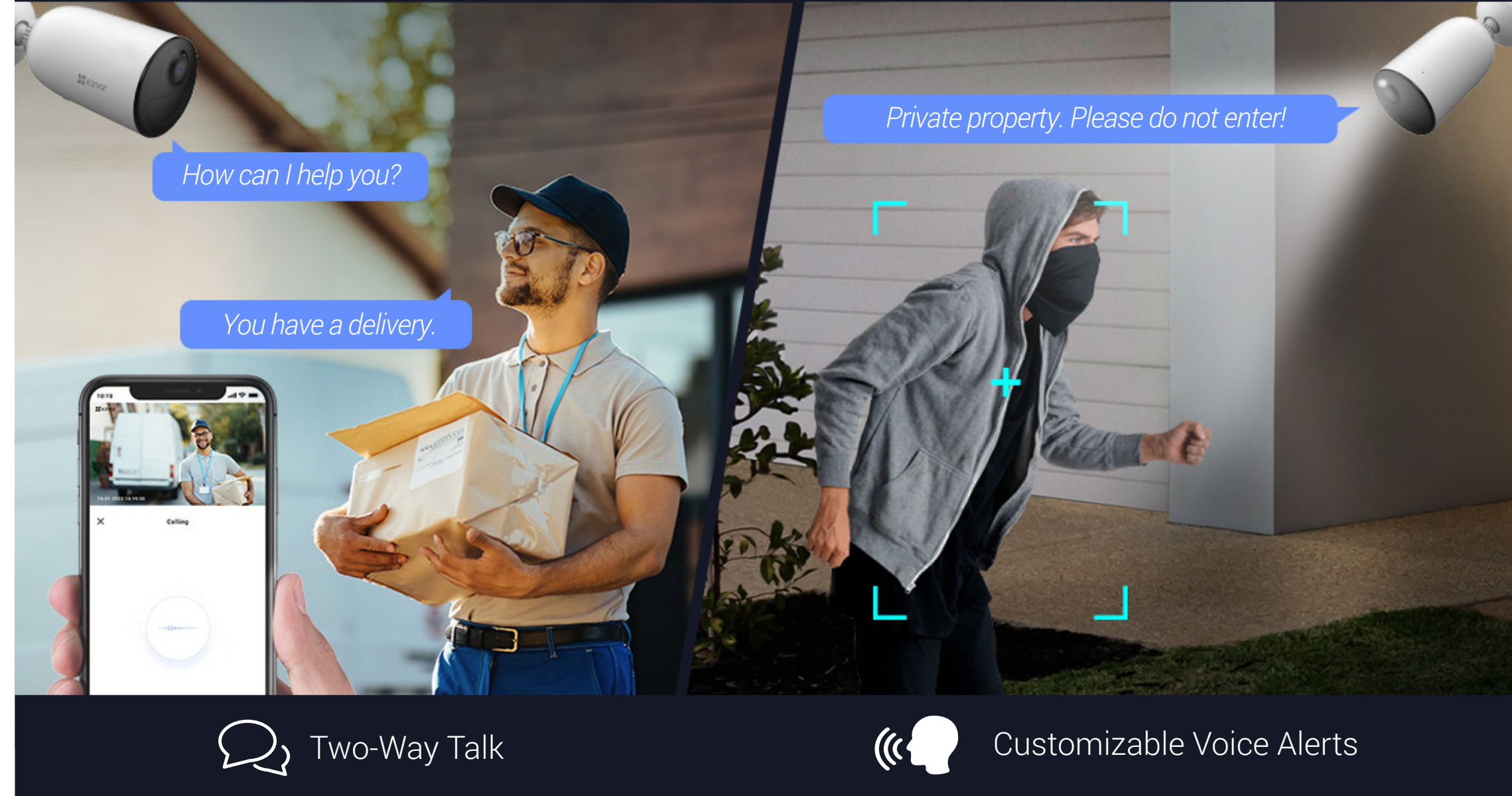
EZVIZ now

Backyard Cam Smart Detection Alarm (2022-04-01 15:10:42)

A vigilant guard on duty 24/7

The camera features an active defense function to provide an extra layer of protection. Upon detection of intruders, the camera will set off a loud siren and flash two dazzling spotlights[4] to let uninvited visitors know they have been detected.

Communicate like you are right there

Enjoy two-way talk simply using your smartphone.
Or, pre-record a 10-second voice message that
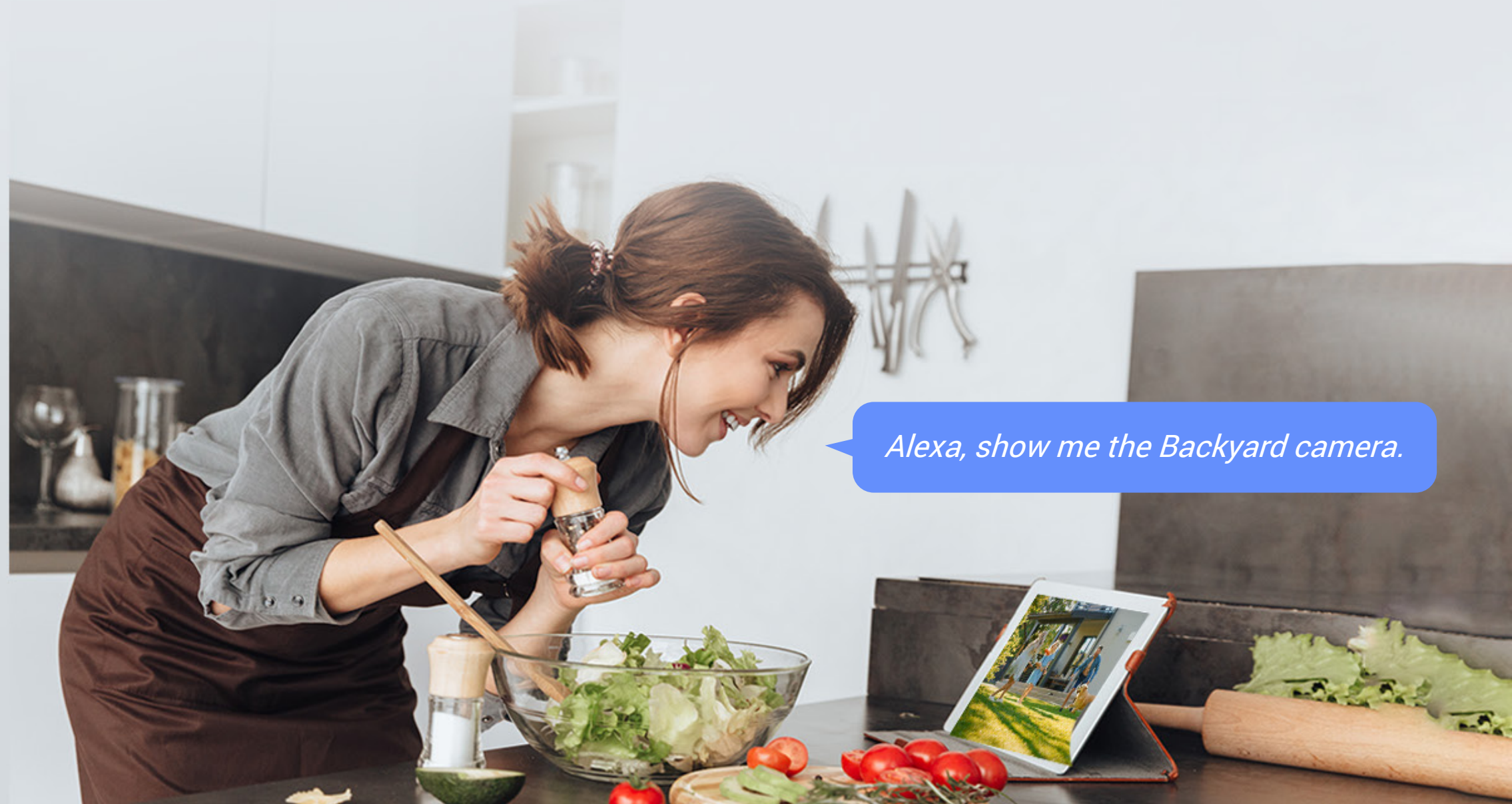automatically plays upon human motion detection.

How can I help you?

You have a delivery.

Private property. Please do not enter!

Two-Way Talk

Customizable Voice Alerts

Durable in harsh weathers

The HB3 is made with a durable, weatherproof enclosure.
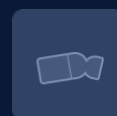You can always trust its performance even in rain, dust and snow.

Smart integration, hands-free control

Easily manage your HB3 2K Kit via the EZVIZ App. On top of this, you can voice-enable the live view with "Hey Google" or "Hey Alexa" to check what's happening on a bigger screen.

Alexa, show me the Backyard camera.

The working duo for additional useful features

The pairing base station can be a great helper to make the HB3 camera better and more useful. It provides a steady connection from the camera to your home internet, sets off the alarm upon detection of activity, and allows you to store your videos safely and locally.
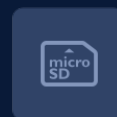
Connects up to four HB3 2K cameras[5] for full-home protection

Easy pairing in seconds

Built-in 125 dB siren

Safe indoor local storage (Supports MicroSD cards up to 256 GB[6])

SD
256G

Enhanced viewing pleasure with smaller video files

Compared against the prevailing H.264 video compression technology, H.265 creates a more fluid viewing experience with recorded footage. Meanwhile, you won't have to worry about large video files taking up too much of your storage space – H.265 technology can reduce their sizes by up to 50%[7].
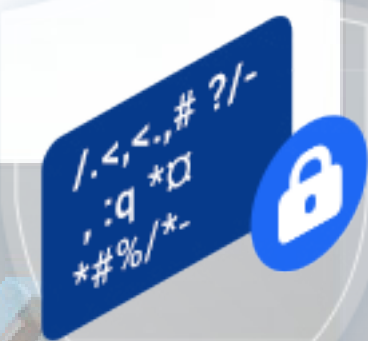
50% ↓
Video Storage Space

50% ↓
Required Bandwidth

Data protection put first

Data security is the cornerstone to every product we design. Data transmission between the HB3 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

1 Data from EZVIZ Lab's test results under standard conditions, based on the usage of 20 detected activities per day for 15 seconds each time.

　May vary due to environmental factors and the frequency of camera activities.

2 The solar panel is not included in the kit. Please verify product compatibility before making a purchase.

3 Data from EZVIZ Lab's test results under standard conditions. May vary due to environmental factors and the frequency of camera activities.

4 The spotlights will not flash when the color night vision mode is enabled.

5 The base station only supports connecting HB3 add-on cameras, which need to be purchased separately.

6 A local storage card must be purchased separately.

7 When the 24/7 recording mode is applied, the H.265 codec technology can reduce video storage space and bandwidth by up to 50% over H.264.

Specifications Model CS-HB3-Add-on

Camera

Image Sensor	1/2.8" 3-Megapixel Progressive Scan CMOS Sensor
Minimum Illumination	0.01 Lux @(F2.0, AGC ON), 0 Lux with IR
Shutter Speed	Self-adaptive shutter
Lens	2.8 mm @ F2.0 Viewing angle: 131° (Diagonal), 110° (Horizontal), 58° (Vertical)
Battery Capacity	5200 mAh
Day & Night	IR-cut filter with auto-switching
DNR	3D DNR
Night Vision Distance	IR Distance: 15m(50 ft), Color Night Vision Distance: 15m

Video & Audio

Max Resolution	2K / 3 MP, 2304 × 1296 pixels
Frame Rate	Max.15 fps. Self-Adaptive during network transmission
Video Compression	H.265 / H.264
Video Bit Rate	Ultra-HD; Full HD, Hi-Def. Adaptive bit rate
Audio Bit Rate	Self-Adaptive
Max. Bitrate	1.5 Mbps

Network

Wi-Fi Standard	IEEE802.11AH
Frequency Range	904 M-928 M (US), 865 M-867 M (EU)
Channel Bandwidth	8 M (US), 2 M (EU)
Security	64 / 128 bit WEP, WPA / WPA2, WPA-PSK / WPA2-PSK
Wi-Fi HaLow Pairing	AP pairing
Protocol	EZVIZ Cloud Proprietary Protocol
Interface Protocol	EZVIZ Cloud Proprietary Protocol
Minimum Network Requirement	4 Mbps

Function

Smart Alarm	Smart Human Motion Detection
Customized Alert Area	Supports
Two-way Talk	Supports
General Function	Anti-Flicker, Heart Beat, Password Protection, Watermark

Storage

Local Storage	Supports microSD card (Up to 256G) on the pairing base station
Cloud Storage	Supports EZVIZ CloudPlay storage (subscription required)

Specifications Model CS-HB3-Add-on

General

Operating Conditions	-20° to 45° C (-4° to 113° F) Humidity 95% or less (non-condensing)
IP Grade	IP65
Package Dimensions	249 × 199 × 99 mm (9.80 × 7.83 × 7.83 inch)
Weight (Camera)	230 g (8.11 oz)
Weight (With Package)	514 g (18.13 oz)

Power

Power Supply	Camera: DC 5V / 2A Base: DC 12V / 1A
Power Consumption	Max. 10W

In the box

- HB3 Camera

- Mounting Plate

- USB Cable

- Drill Template

- Screw Kit

- Regulatory Information

- Quick Start Guide

Certifications:

CE / FCC / WEEE / RoSH / REACH / UL

https://www.ezviz.com/