EZVIZ™

# *X5S*

*Wireless NVR with*
*HDMI & VGA Outputs*

## ***Reliable, easy storage for your security system***



The X5S is a large-capacity storage solution tailored to support multi-camera security systems for 24/7 recording in even high video quality. Users can confidently save and keep important footages on the local NVR device, which ensures smooth storage and strict data protection.

# Key Features

HDMI/VGA Output

Supports High-Resolution Cameras of Up to 3K Video Quality

Wi-Fi Range Up to 100 m (300 ft)

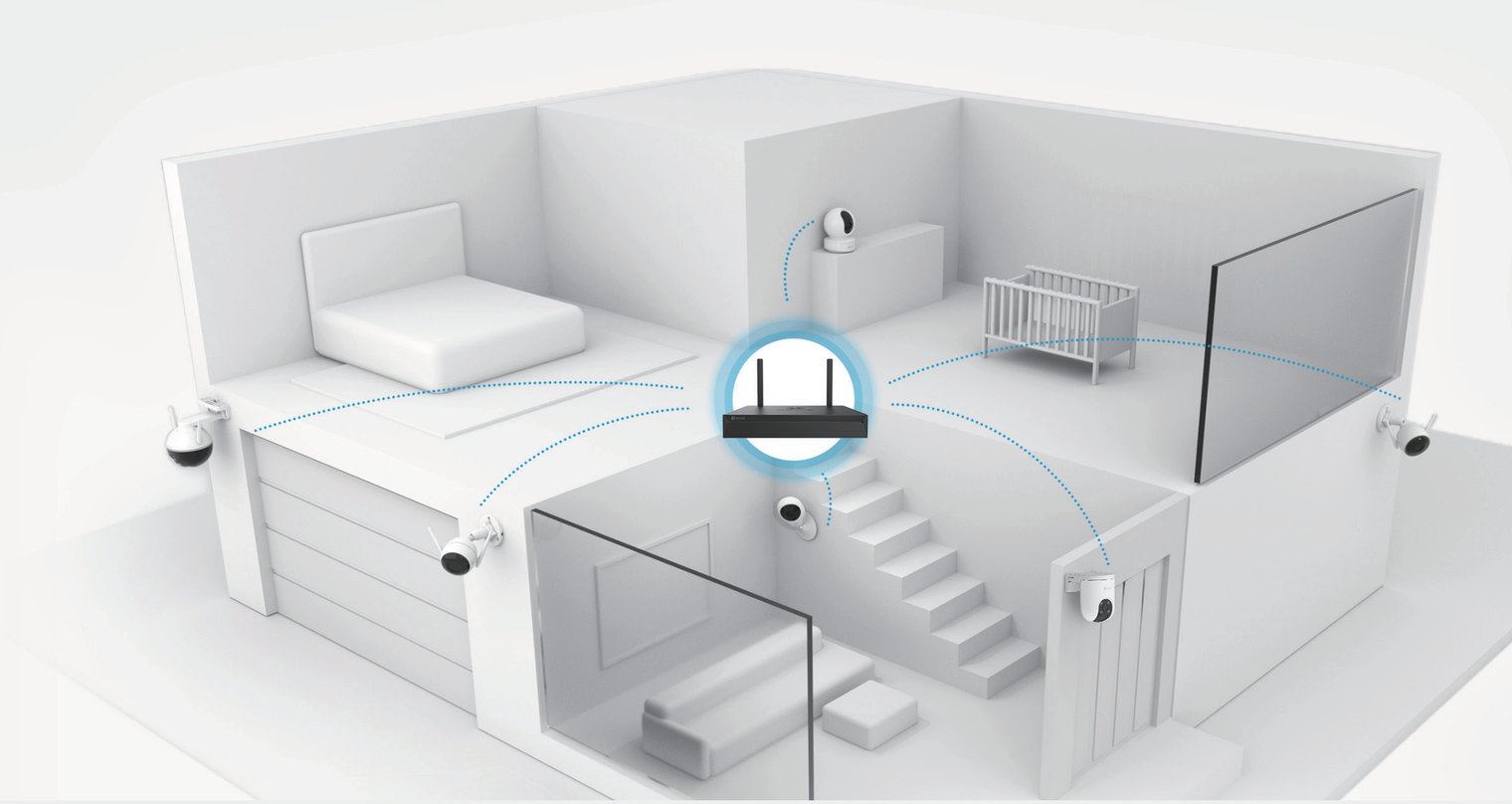
Supports ONVIF Conformant Camera

H.265 Video Technology[1]

Up to 8TB Storage[2]

## *A reliable center for your important footages*

The X5S NVR is designed to manage large-scale videos generated from security needs. In addition to a storage capacity that can be expanded to 8TB[2], the X5S also receives data and video files from up to 8 connected Wi-Fi cameras[3] at the same time.



## *No detail is overlooked*

Connecting the X5S to an additional monitor offers even more convenience for multi-camera viewing – the user can display the footages collected by all connected cameras simultaneously on one screen. It supports up to 3K resolution for live or history videos, so you'll hardly miss a thing.



1 Data from EZVIZ Lab’s test results in open environment. Will vary with the Wi-Fi frequency, camera location, the transfer technology, and other environmental factors.

2 The X5S only supports HDD storage. The HDD device should be purchased additionally. Please confirm the compatibility before purchasing.

3 The X5S is available in two versions: the X5S-4W supports connecting up to 4 Wi-Fi cameras, and the X5S-8W supports up to 8 Wi-Fi cameras.

# Specifications CS-X5S-R100-4W, CS-X5S-R100-8W

## IPC Access Capability

| | |
|---|---|
| Wireless/Wired IPC Access Capability | 3K * 4 / 3K * 8 |
| Wired IPC Access Capability | 3K * 4 (X5S-4W) / 3K * 8 (X5S-8W) |

## Network Parameter

| | |
|---|---|
| Antenna Number | 2 |
| Max Wireless Range | 100m |
| Radio Frequency | 2.4G |
| Ethernet Port | One 10/100M adaptable Ethernet interface |
| Required Access Bandwidth | 50Mbps / 100Mbps |

## Video Output

| | |
|---|---|
| VGA | 1 channel (identical to HDMI output)<br>resolution up to 1920*1080/60Hz |
| HDMI | 1 channel<br>resolution up to 2592*1944/30HZ |

## Audio/Video Codec

| | |
|---|---|
| Recording Resolution | 3K/2K+/2K/1080p/UXGA/720p/V-GA/4CIF/2CIF/CIF/QCIF |
| Video Compression | H.264, H.265 |
| Decode Playback | Supports 4*3K / Supports 8*3K |

## Video Recording Management

| | |
|---|---|
| Video Recording mode | Manual video recording ; Motion detection recording ;Scheduled video recording ; Event triggered recording |
| Backup Mode | Hard disk backup, Internet application backup |
| Playback Mode | Instant playback ; Normal playback ; Event playback ; Tag playback; Log event playback |

## Open Protocol

| | |
|---|---|
| Open Protocol Support | HIKVISION, ONVIF(2.5) |

## HDD

| | |
|---|---|
| Interface Type | One Built-in SATA |
| Capability | Supports 1TB to 8TB<br>3.5-inch HDD |

## External Interface

| | |
|---|---|
| Audio Input/ Output | Not support |
| Hardware Reset | Supports |
| USB2.0 Interface | 1 |

# Specifications CS-X5S-R100-4W, CS-X5S-R100-8W

## Dimensions

| | |
|---|---|
| Product Dimensions | 235 × 270 × 44.5 mm (9.25 × 10.6 × 1.75 inch) |
| Packaging Dimensions | 387 × 362 × 75 mm (15.2 × 14.3 × 3 inch) |

## Power Supply

| | |
|---|---|
| DC | 12V/1.5A |

## Consumption

| | |
|---|---|
| Standby status | ≤8W |

## Weight

| | |
|---|---|
| Net Weight | 932 g |

# In the box

- X5S NVR × 1
- Power Adapter × 1
- Mouse × 1
- Screw Kit × 1
- Regulatory Information × 2
- Quick Start Guide × 1

# Certifications

CE / UL / RoHS / WEEE / REACH

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# H3c 2K

## Wi-Fi Smart Home Camera

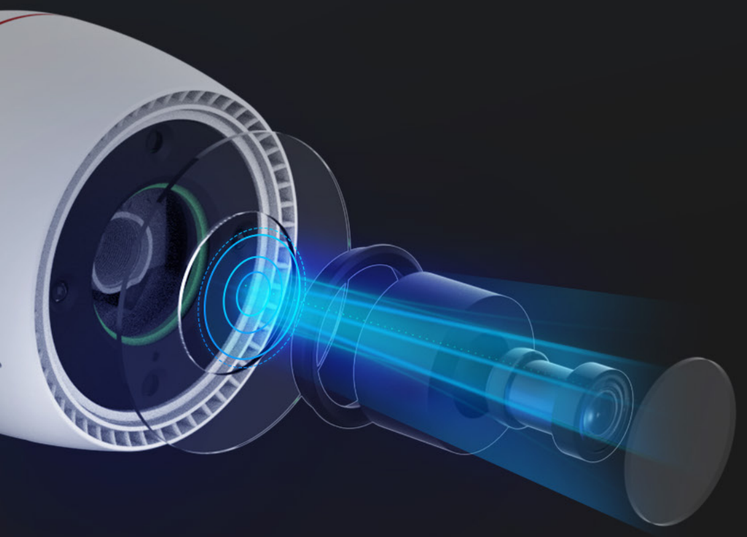
### Reliably ready for every crucial moment

A well-built camera by quality and functionality, the H3c 2K is designed to provide 24/7 non-stop home protection in a smart way. Working as an outdoor guard for most homes, the camera renders ultra-sharp 2K video and colorful night vision, and is smart enough to detect human activities and provide active defense. Compact in size and durable against weathers, the H3c 2K can be your ideal home security camera.

- 2K Resolution
- Color Night Vision
- Two-Way Talk
- AI-Powered Human Shape Detection
- Customizable Detection Zone
- Customizable Voice Alerts
- Active Defense with Siren and Strobe Light
- IP67 Weatherproof Design
- H.265 Video Technology
- Supports MicroSD Card(Up to 512 GB)[1]
- Supports EZVIZ CloudPlay Storage[2]
- Smart Integration with Google Assistant, Amazon Alexa & IFTTT[3]



# Crisp 2K





## Capture every moment in superb clarity

The H3c 2K offers superior detail capturing with ultra-clear 2K resolution. It ensures that you never miss a single important moment that takes place at home.

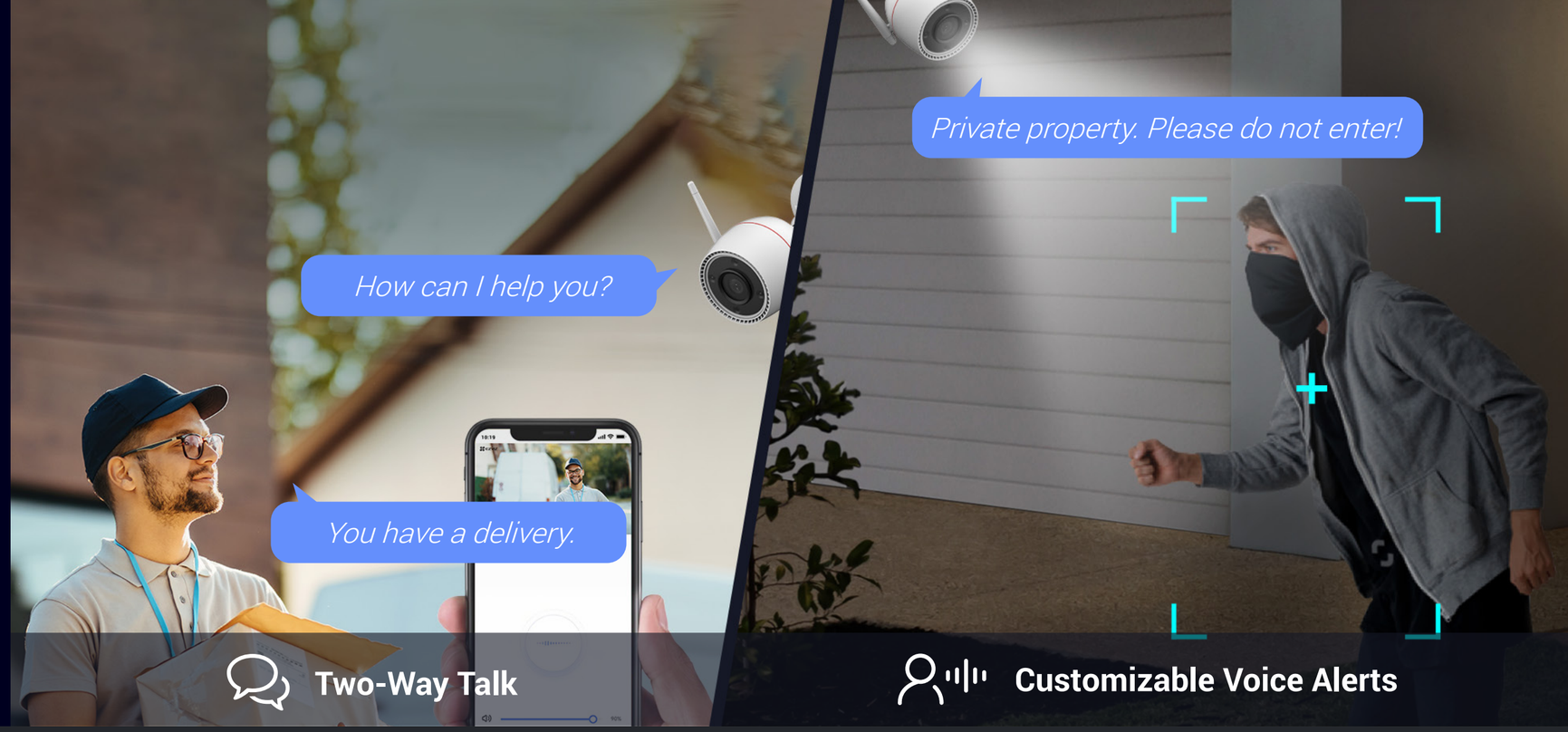
## See in color, even at night.

Unsatisfied with blurry, overexposed black-and-white images during the nighttime? The H3c 2K makes late-night protection easier by restoring colors and details. In addition to a pretty sharp IR night vision, the camera can light up the environment with two built-in spotlights to render color night vision.



## Communications can be this easy

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



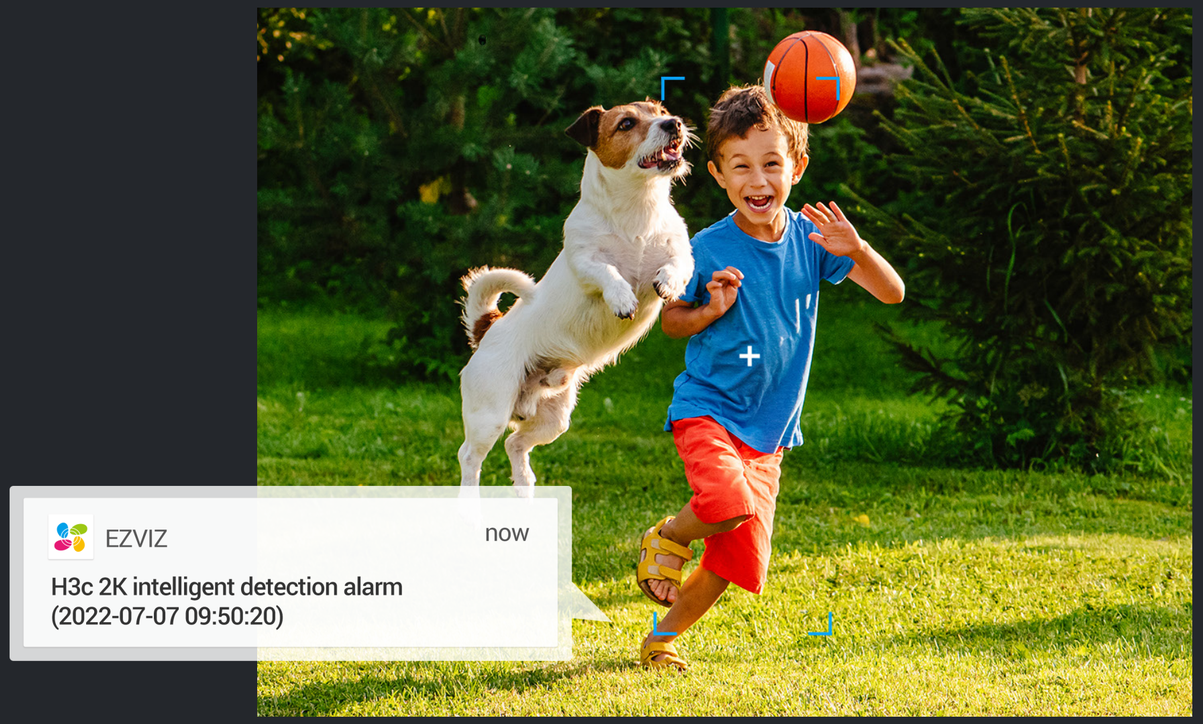

## AI algorithm for alerts that matter

The camera's onboard AI algorithm helps distinguish and detect moving people in particular, so as to reduce insignificant alerts caused by falling leaves or flying insects. You will receive smarter notifications that matter to you.

AI-Powered Human Shape Detection

Customizable Detection Zone

FREE No Subscription Fee



## A vigilant guard who works around the clock

The H3c 2K integrates EZVIZ's beloved 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 spotlights[4] to warn them away.

## Protection lasts, even in harsh weathers

Thanks to its well-built camera body, the H3c 2K is IP67-rated to withstand even the toughest weather conditions – whether it's rainy, stormy or snowy.

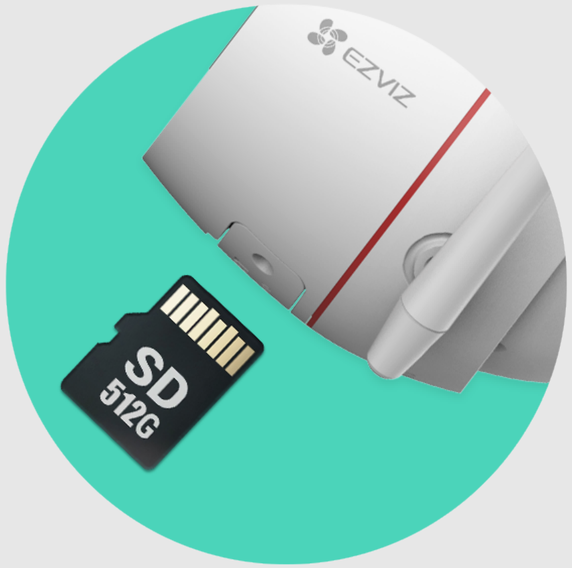
## Smart integration, hands-free control

You can integrate the H3c 2K to your existing smart home system. Voice-enable the live viewing with “Hey Google” or “Alexa” to check what’s happening on a bigger screen.




## Extra-Large, safe storage options that you can trust

You can secure your recorded videos on a local microSD card of up to 512 GB, or subscribe to EZVIZ CloudPlay for fully-encrypted cloud storage.



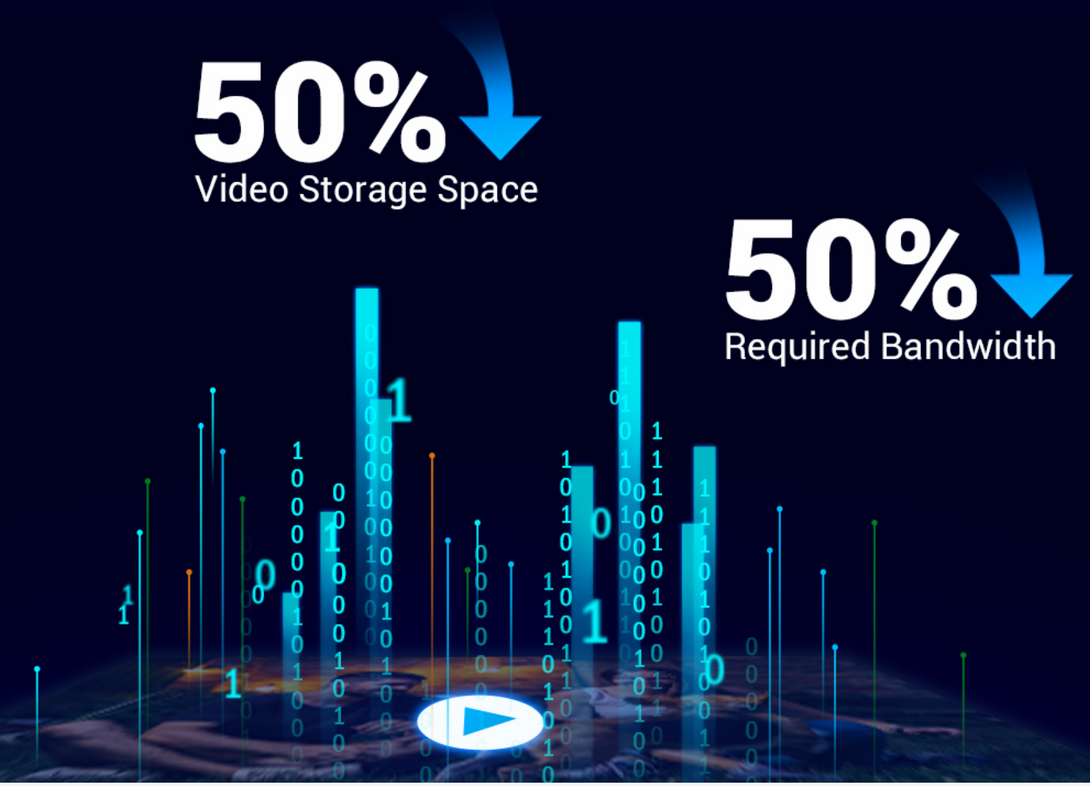

Supports MicroSD Card[1]



Supports EZVIZ CloudPlay Storage[2]

## Enhanced viewing pleasure with smaller video files

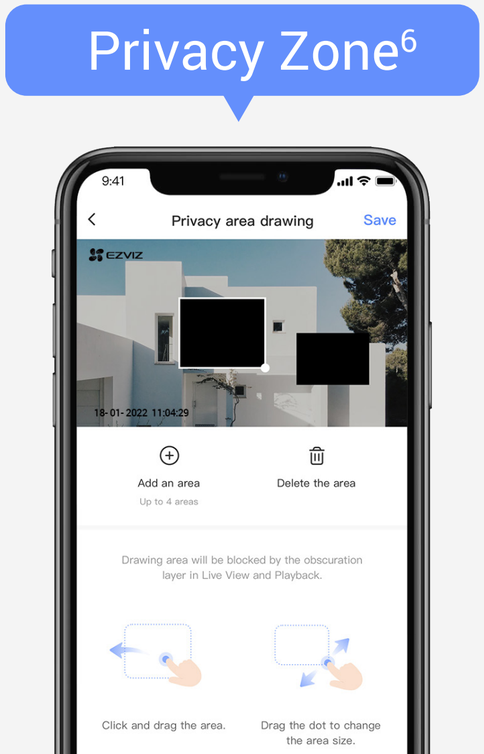
Compared against the prevailing H.264 video compression technology, H.265 creates a more fluid viewing experience with recorded footage. Meanwhile, you won't have to worry about large video files taking up too much of your storage space – H.265 technology can reduce their sizes by up to 50%[5].




## We do our best to protect your data and privacy

We design the product to respectfully protect your data and privacy. You can also set up no filming zones[6] to make sure recording only happens when it's appropriate and allowed.

EZVIZ has been awarded by DNV for **information security** (ISO/IEC 27001:2013), **personal data protection** (ISO/IEC 27701:2019), **cloud security** (CSA STAR) and more.




**TLS**
Data Transmission Encryption

**AES-128**
Data Encryption

# One app for everyday, everything

EZVIZ App will always connect you to your home,
even if you are far away from it.

- Instant Alert
- Remote Control
- Live View with 8× Zoom
- Detection Zone
- Video History
- Connected Home

EZVIZ App interface images are for illustrative purposes only.

**Available on Phone / Pad / TV**




1 A local storage card must be purchased separately.

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

3 Google Assistant is not available in some languages and countries.

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

5 Data from EZVIZ Lab's test results under standard conditions. The video compression efficiency will vary with the frequency and complexity of the activity captured, as well as other environmental factors.

6 Users can draw in rectangles to customize up to 4 privacy zones.

# Specifications CS-H3c-R100-1K3WKFL

## Camera

| | |
|---|---|
| Image Sensor | 1/2.7”Progressive Scan CMOS |
| Minimum Illumination | 0.01 Lux @ (F2.0, AGC ON), 0 Lux with IR |
| IR Night Vision Distance | Up to 98 ft / 30 m |
| Shutter Speed | Self-adaptive shutter |
| Lens | 4mm @ F2.0, view angle: 82° (Horizontal), 98° (Diagonal) |
| Lens Mount | M12 |
| DNR | 3D DNR |
| WDR | Digital WDR |
| Day / Night Switch | IR-Cut filter with auto-switching |

## Video & Audio

| | |
|---|---|
| Max. Resolution | 3MP, 2304 × 1296 |
| Frame Rate | Max: 30fps; Self-Adaptive during network transmission |
| Video Compression | H.265 / H.264 |
| Video Bit Rate | Quad HD; Hi-Def; Full HD; Standard. Adaptive bit rate |
| Audio Bit Rate | Self-Adaptive |
| Max. Bitrate | 3 Mbps |

## Network

| | |
|---|---|
| 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: 144Mbps |
| Wi-Fi Pairing | AP Pairing |
| Protocol | EZVIZ Cloud Proprietary Protocol |
| Interface Protocol | EZVIZ Cloud Proprietary Protocol |
| Wired Network | RJ45 × 1 (10M / 100M Adaptive Ethernet Port) |

## Function

| | |
|---|---|
| Detection | Human Shape Detection, Motion Detection |
| Customized Alert Area | Supports |
| Integration | Works with Alexa, Google Assistant, IFTTT |
| General Function | Anti-Flicker, Dual-Stream, Heart Beat, Mirror Image, Password Protection, Watermark |

## Storage

| | |
|---|---|
| Local Storage | Supports microSD card (Up to 512 GB) |
| Cloud Storage | Supports EZVIZ CloudPlay storage (Subscription required) |

# Specifications CS-H3c-R100-1K3WKFL

## General

| | |
|---|---|
| Operating Conditions | -30 °C  to 50°C ( -22 °F to 122 °F ), humidity 95% or less (non-condensing) |
| IP Grade | IP67 |
| Power Supply | DC 12V / 1A |
| Power Consumption | MAX. 9W |
| Dimensions | 72 × 72 × 157 mm (2.83 × 2.83 × 5.98 inch) |
| Packaging Dimensions | 227 × 100 × 92 mm (8.94 × 3.94 × 3.62 inch) |
| Weight(With Package) | 539 g (19.01 oz) |
| Net Weight | 330 g (11.64 oz) |

# In the box

- H3c 2K Camera
- Drill Template
- Screw Kit
- Waterproof Kit
- Power Adapter
- Regulatory Information
- Quick Start Guide

# Certifications:

CE / FCC / UKCA / UL / WEEE / RoHS / REACH

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