# ezWireLess Kit

A comprehensive security kit with a wireless NVR and Wi-Fi cameras.

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Two options tailored to meet your needs:

4 Channel X5C (ezNVR) (1TB hard drive preloaded) + 1080p C3W (ezGuard) (2.8mm) × 4

8 Channel X5C (ezNVR) (1TB hard drive preloaded) + 1080p C3W (ezGuard) (2.8mm) × 4

X5C (ezNVR)  +  C3W (ezGuard)

# Easy to set up

We pre-pair the X5C (ezNVR) and the C3W (ezGuard) for you. All you have to do is set up the X5C (ezNVR), and you are good to go!

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# Supports up to 4 or 8 Full HD Wi-Fi cameras

The X5C (ezNVR )supports up to 4 or 8 Full HD Wi-Fi cameras and provides multi-split screen modes for monitoring different rooms simultaneously and a strong wall-penetrating signal so that one X5C (ezNVR) can cover a whole store.

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# Sound and Light, Dual Protection

The C3W (ezGuard) has a compact design but powerful features. With light and sound alarms, it can effectively deter intruders.
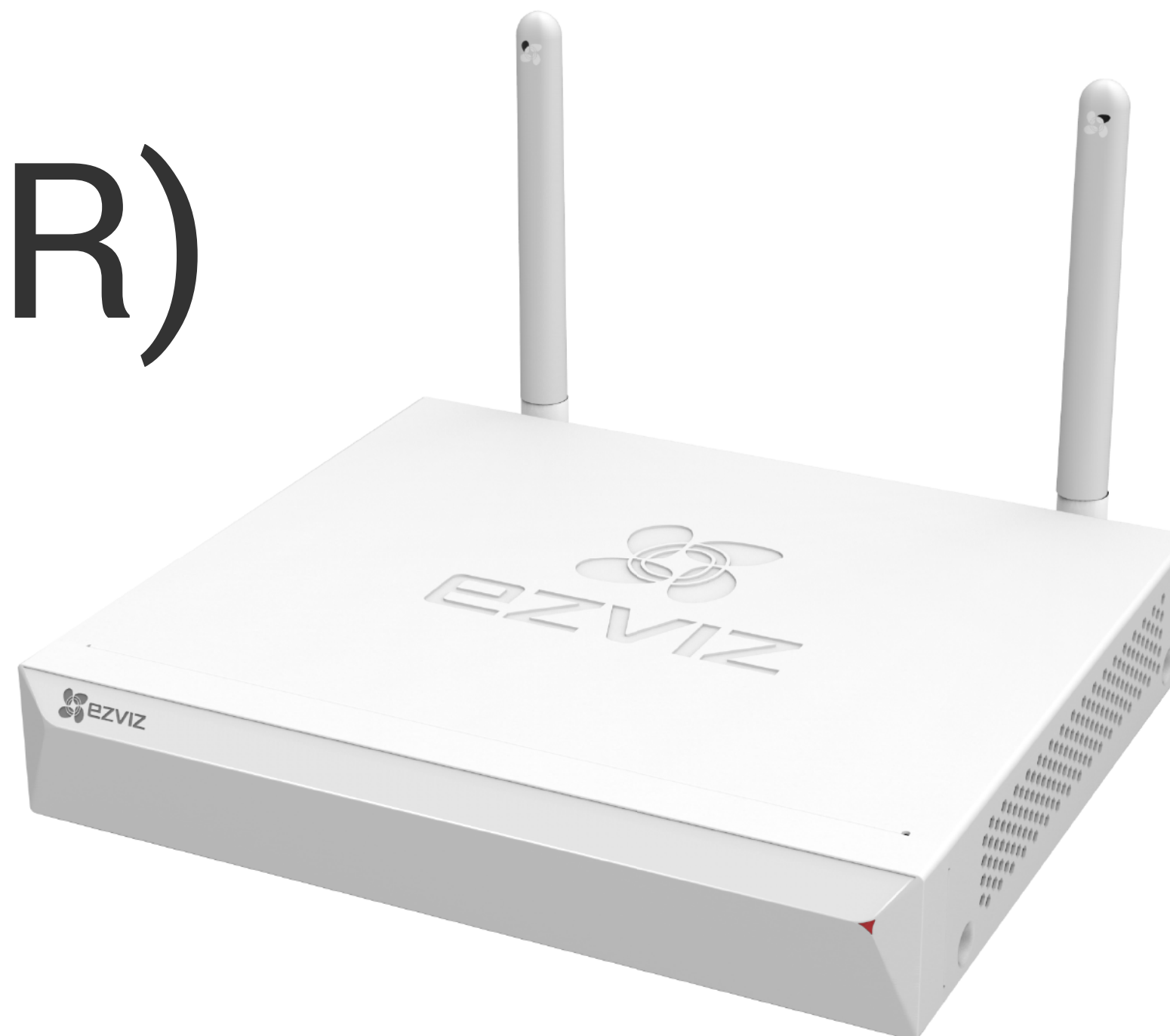
# X5C (ezNVR)

## Wireless NVR

## Flexible and easy to set up

A wireless NVR with HDMI and VGA outputs that can support up to 4 or 8 HD Wi-Fi cameras and has a strong, wall-penetrating signal.

## Key Features

**HD / FHD** — Supports 720p/1080p cameras

Wi-Fi signal range up to 300ft/100m

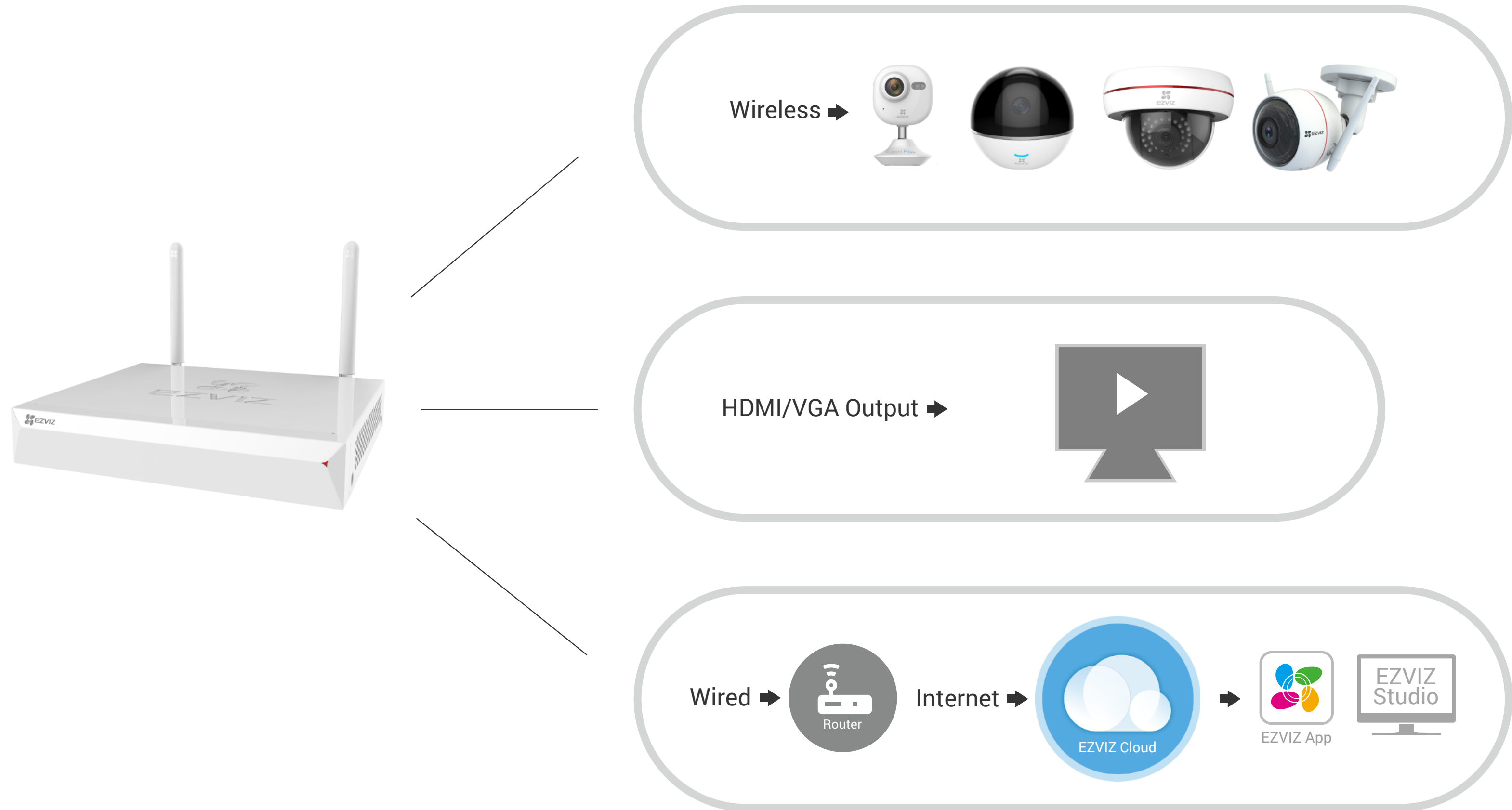Connect up to 8 1080p Wi-Fi cameras (720p default with 1080p manual option)

**6TB** — Up to 6TB storage for 24/7 continuous live viewing and recording

**ONVIF** — Supports ONVIF conformant cameras

# Application Scenario

Wireless ➤

HDMI/VGA Output ➤

Wired ➤ Router   Internet ➤ EZVIZ Cloud ➤ EZVIZ App   EZVIZ Studio

## Network Specifications

| | |
|---|---|
| Antenna Number | 2 |
| Maximum Wireless Access Bandwidth | 30mbps |
| Maximum Wireless Range | 100m |
| Radio Frequency | 2.4 GHz |
| Ethernet Port | One 10/100M adaptable Ethernet port |
| Wired Access Bandwidth | 50mbps |

## Video Output

| | |
|---|---|
| VGA | 1 channel (Homologous to HDMI output) |
| HDMI | 1 Channel |

## Audio/Video Codec

| | |
|---|---|
| Access Camera Number | 4 / 8 |
| Video Compression | H.264 |
| Decoded Playback | Supports 4*1080P / Supports 8*1080P |

## Video Record Management

| | |
|---|---|
| Video Capture | Manual video recording; dynamic detection video; regular video recording; alarm recording |
| Backup Modes | Supports hard disk backup, web application backup |

## HDD

| | |
|---|---|
| Type | One Built-in SATA port |
| Capability | Supports 1TB to 6TB 3.5inch HDD |

## External Interface

| | |
|---|---|
| Audio Output | Support |
| Hardware Reset | Support |
| USB2.0 Port | 1 |
| Dimensions (mm) | 270mm x 235mm x 44.5mm |
| Net Weight | <=900g |

# C3W (ezGuard)

## Dual Sound and Light Protection

A HD/Full HD Wi-Fi camera with active defense, two-way audio and a durable design for all-weather protection.

## Key Features

**Full HD**
720p/1080p

Two-way audio. Pickup distance up to 5 meters.

Supports 2.4GHz Wi-Fi (IEEE802.11b, 802.11g,802.11n)

True Day/Night camera with auto-switching. Infrared night vision up to 30 meters.

IP66 Dustproof and Waterproof

Active Defense

**Micro SD 128GB**
Supports MicroSD card slot, up to 128GB

# Specifications <small>Model CS-CV310-A0-1B2WFR</small>

## Camera

| | |
|---|---|
| Image Sensor | 1/2.7" Progressive Scan CMOS |
| Minimum Illumination | 0.02Lux @(f/2.2, AGC ON) , 0 Lux with IR |
| Shutter Speed | Self-adaptive shutter |
| Lens | 2.8mm@F2.2, Angle of View: 103°(Horizontal), 118°(Diagonal)<br>4mm@F2.0, Angle of View: 87°(Horizontal), 104°(Diagonal)<br>6mm@F2.0, Angle of View: 54°(Horizontal), 62°(Diagonal) |
| Day & Night | IR-cut filter with auto-switching |
| Lens Mount | M12 |
| IR Range | Up to 98.4ft (30 meters) |
| DNR | 3D DNR |
| WDR | Digital WDR |

## Compression

| | |
|---|---|
| Video Compression | H.264 Main Profile |
| Video Bit Rate | HD, Balanced and Smooth. Adaptive bit rate. |

## Image

| | |
|---|---|
| Max. Resolution | 1920x1080, supports dual-stream |
| Image Settings | Brightness, contrast, saturation, etc. (configurable via EZVIZ Studio) |
| BLC | Support |

## Network Interface

| | |
|---|---|
| Communication Interface | RJ45 10M/100M self-adaptive Ethernet port * 1 |

## Wireless Specifications

| | |
|---|---|
| Standard | IEEE802.11 b/g/n |
| Frequency Range | 2.4GHz to 2.4835GHz |
| Channel Bandwidth | Supports 20MHz |
| Security | 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK |
| Transmission Rate | 11b: 11Mbps, 11g: 54Mbps, 11n: 135Mbps |

## General

| | |
|---|---|
| Storage | Supports microSD card (≤ 128 GB) |
| Operating Conditions | -22°F to 140 °F (-30°C ~ 60°C), Humidity 95% or less (non-condensing) |
| Power Supply | DC12V±10% |
| Power Consumption | 6W Max(ICR 9W) |
| Dimensions | 150.44mm x 85.80mm x 71.64mm |
| Weight | 326g |
| IP Grade | IP66 |
| IR Range | Max. 30 meters |

## Core Technology

| | |
|---|---|
| Smart Alarm | Intelligent motion detection |
| Wi-Fi Pairing | Wi-Fi one-key configuration/ AP pairing |
| Interface Protocol | EZVIZ Cloud proprietary protocol |
| General Features | Anti-Flicker, Dual-stream, Heartbeat Messages, Mirror Image, Password Protection, Watermark |

## Package Contents:

- 1080p FHD Wi-Fi Camera (with adapter) x 4 or 8

- 4/8 Channel Wireless NVR (with adapter) x1

- Power Extension Cord (18m/60ft) x 4

- Ethernet Cable (2m/6ft) x 1

- HDMI Cable (2m/6ft) x 1

- 1 TB Hard Drive (Installed) x 1

- Quick Start Guide x 1

## Requirements

**For X5C (ezNVR)**
- Operating Conditions: 0°C-40°C, humidity 90% or less

**For C3W (ezGuard)**
- Operating Conditions: -30°C-60°C, humidity 95% or less

When placing an AP device, please make sure to keep it at least 3m/10ft from another AP device. When placing a wireless IP camera, please make sure to keep it at least 1m/3ft from other devices that may affect the signal.

## Certificates

X5C (ezNVR) -
FCC/CE/UL/IC/NOM/REACH/WEEE/ROHS/IFETEL
C3W (ezGuard) - FCC/CE/KC/WEEE/RCM/UL/MON/REACH

https://www.ezvizlife.com/