



# C3X

## AI-Powered Dark-Fighter

Dual-lens Wi-Fi camera with built-in AI.

Meet the world's first commercial-grade security camera with a dual-lens setup. Night time color video has become a reality, even with the absence of supplemental lights. And built-in AI algorithms just made everything easier. Now you can get accurate alerts when people and vehicles appear in your specified zones. Get protection with the C3X, in high-tech and professional fashion.



Intelligent Dual-Lens



Color Night Vision



Embedded AI Deep Learning Algorithm



Human/Vehicle Shape Detection

**H.265**

H.265 Video Compression



Active Defense with Siren and Strobe Light



Dustproof and Waterproof IP67

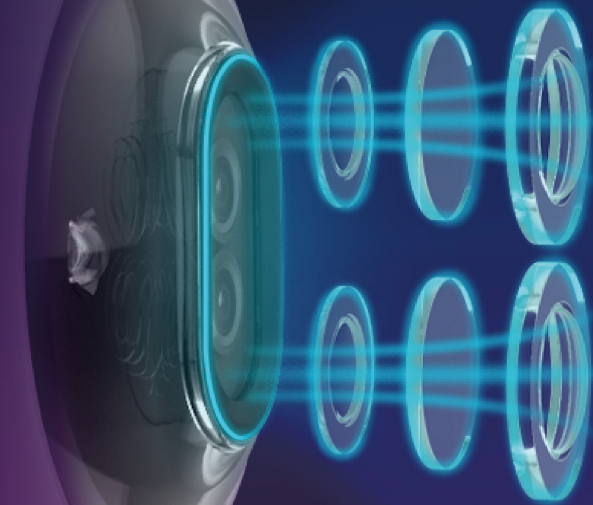


Customizable Voice Alerts



## The first dual-lens seen on a security camera.

In the dual-2 MP camera setup, vivid color imaging is accomplished using two lenses – one lens records the ambient brightness and the other captures color information. Then the two images are merged using EZVIZ's own proprietary algorithm to create an image that is rich in details and realistic color.



## Revolutionary color night vision without spotlights.

Leveraging supplemental lights to achieve color night vision was brilliant – until the introduction of the C3X. The C3X uses dual lenses and dual infrared lights to render better color images even in the lowest light conditions. There's no need for spotlights. C3X's colors are more natural, and the image is more evenly-illuminated.



**C3X Night Vision\***



**Night Vision with Built-in LEDs**



**Traditional Black/White Vision**

\*In extreme environments, such as a completely enclosed warehouse or rural areas in a moonless cloudy night, the C3X will shift to black/white mode to ensure utmost image clarity.

## Motion-triggered recording of people and vehicles.

With a built-in deep learning model, the C3X can detect the motion of person and vehicle shapes in real-time. Now you can receive the precise motion alerts you've always wanted. When no one is watching, the C3X takes the shift for you.



## Actively protects places that matter.

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The C3X lets you draw particular zones on the EZVIZ App to protect what matters to you the most. You can decide whether you want to keep people, cars, or both out of the zones. Upon detection of objects of interest, the camera will issue a loud siren and flash the strobe light to drive intruders away. You'll receive a notification in a split second.



## Customize your voice alerts.

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The C3X lets you record your own voice for customized greeting or deterrence. For example, when visitors park cars in prohibited areas, the camera will play a pre-recorded message and instruct the drivers to park elsewhere.



## Save money on storage and bandwidth.

Using the latest H.265 video compression technology, the C3X renders clearer and smoother video while reducing the need for data storage space and bandwidth.



H.264 (Mainstream Video Compression)

Required Bandwidth

Required Storage Space



H.265 (Upgraded Video Compression)

Required Bandwidth

Required Storage Space

## Designed to brave all types of weather.

With a whole metallic enclosure and an IP67 rating, the camera can withstand rainy, sunny, stormy, and even snowy days, giving you year-round peace of mind.



# Specifications CS-CV310-C0-6B22WFR (EU)

## Camera

|                   |  |
|-------------------|--|
| Image Sensor      | 1/2.7" Progressive Scan CMOS                               |
| Shutter Speed     | Self-adaptive shutter                                      |
| Lens              | 4 mm @ F1.6, view angle: 89° (Horizontal), 106° (Diagonal) |
| Min. Illumination | color night vision, 0.0005 lux                             |
| Lens Mount        | M8   |
| DNR               | 3D DNR   |
| WDR               | Digital WDR  |

## Compression

|                   |  |
|-------------------|--|
| Video Compression | H.264 / H.265                              |
| Video Bit Rate    | Ultra-HD; HD; Standard. Adaptive bit rate. |

## Image

|                 |  |
|-----------------|--|
| Max. Resolution | 1920 × 1080  |
| Frame Rate      | 50Hz: 25fps; Self-Adaptive during network transmission |
| BLC             | Supports   |

## Network

|                             |  |
|-----------------------------|--|
| Smart Alarm                 | Motion detection, human shape detection, vehicle shape detection |
| Setup Motion Detection Area | Supports   |
| Wi-Fi Pairing               | AP paring  |

|                    |                                  |
|--------------------|----------------------------------|
| Protocol           | EZVIZ cloud proprietary protocol |
| Interface Protocol | EZVIZ cloud proprietary protocol |

## Interface

|               |   |
|---------------|---|
| Storage       | Micro SD card slot (Max. 256 GB)                |
| Wired Network | RJ45 X 1 (10M/100M self-adaptive Ethernet port) |

## Wi-Fi

|                   |  |
|-------------------|--|
| Standard          | IEEE802.11b/g/n                                  |
| 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: 11 Mbps, 11g: 54 Mbps, 11n: 144 Mbps        |

## General

|                      |  |
|----------------------|--|
| Operating Conditions | -30°C to 60°C (-22°F to 140°F ), humidity 95% or less (non-condensing) |
| Power Supply         | DC 12V±10%   |
| Power Consumption    | Max. 12W   |
| IR Range             | Max. 30 meters (98.43 feet)  |
| IP Grade             | IP67   |
| Dimensions           | 72 x 72 x 150 mm (2.83 x 2.83 x 5.9 inch)                              |
| Packaging Dimensions | 253.5 x 111.5 x 93.5 mm (9.98 x 4.39 x 3.68 inch)                      |
| Weight               | 425g (0.94 lb)   |

## In the box:

- C3X Camera
- Drill Template
- Screw Kit
- Waterproof Kit
- Power Adapter 1.5 m (4.9 ft.)
- Quick Start Guide

## Certifications:

UL / FCC / CE / WEEE / REACH / RoHS

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