# EAGLE8C-AD-BUL-FW
## 8MP FULL-COLOUR ACTIVE DETERRENCE HDCVI IR BULLET

Full-Color

· 24/7 color imaging

· Active deterrence with red blue light,
  siren and alarm out interface

· Built-in mic

· Max. 30 fps@4K

· 3.6 mm fixed lens

· 40 m illumination distance

· IP67, 12V±30% DC

| Full-color | Active Deterrence | 4K REAL-TIME | DC 12V | IP67 | Audio |
|---|---|---|---|---|---|

## System Overview

This model supports active deterrence feature which warns off intruders with red blue light and siren even before users are aware of the incident. It is able to alert intruder accurately by SMD Plus or Perimeter Protection of XVR. This camera is an ideal choice for applications which require intrusion protect and video verification, such as courtyards, offices, warehouses, stores.

## Functions

### 3 Signals over 1 Coaxial Cable

HDCVI technology supports 3 signals to be transmitted over 1 coaxial cable simultaneously, such as video, audio*, data and power. Dual-way data transmission allows the HDCVI camera to interact with the HCVR, such as sending control signal or triggering alarm. Moreover, HDCVI technology supports PoC for construction flexibility.

* Audio input is available for some models of HDCVI cameras.

### Long Distance Transmission

HDCVI technology guarantees real-time transmission at long distance without any loss. It supports up to 700 m transmission for 4K HD video overcoaxial cable, and up to 300 m over UTP cable.

### Simplicity

HDCVI technology inherits the born feature of simplicity from traditional analog surveillance system, making itself a best choice for investment protection. HDCVI system can seamlessly upgrade the traditional analog system without replacing existing coaxial cabling. The plug and play approach enables full HD video surveillance without the hassle of con-figuring a network.

### Active Deterrence

Active deterrence is to warn off intruders actively with red blue light and siren even before users are aware of the incidence. Once an intrusion is detected, the red blue light will flash and the siren will buzzer to alert the intruder. The content of siren is configurable.

## Full-color

The camera adopts F1.6 large aperture lens and 1/2.8" high performance sensor. With higher amount of absorbed light and advanced image processing algorithm, the camera can be able to present 24/7 colored image that provides color details to accurately identify people or objects in low light conditons.

## Warm Supplemental lights

With two warm supplemental LED lights, the camera is able to provide a colorful and vivid image even in total darkness. It also provides visible by default, the camera is set to smart light mode, in which the camera can automatically adjust the exposure time and light sensitivity simultaneously to avoid overexposure of the objects in the image center. Also, the sensitivity and intensity of the LED lights can be remotely controlled by OSD menu.

## Protection

The camera's outstanding reliability is unsurpassed due to its rugged design.The camera is protected against water and dust with IP67, making it suitable for indoor or outdoor environments.
Supporting ±30% input voltage tolerance, this camera suits even the most unstable power supply conditions. Its 4KV lightning rating provides protection against the camera and its structure from the effects of lightning.

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## Technical Specification

### Camera

| | |
|---|---|
| Image Sensor | 1/2.8" CMOS |
| Max. Resolution | 3840 (H) × 2160 (V) |
| Pixel | 4K |
| Scanning System | Progressive |
| Electronic Shutter Speed | PAL: 1/3 s–1/100000 s<br>NTSC: 1/4 s–1/100000 s |
| S/N Ratio | >65 dB |
| Min. Illumination | 0.005 Lux/F1.6, 0 Lux warm light on |
| Illumination Distance | 40 m (131.2 ft) |
| Illumination Type | Warm light |
| Illuminator On/Off Control | Auto; manual |
| Illuminator Number | 2 (Warm light) |
| Pan/Tilt/Rotation Range | Pan: 0°–360°<br>Tilt: 0°–90°<br>Rotation: 0°–360° |

### Lens

| | |
|---|---|
| Lens Type | Fixed-focal |
| Mount Type | M12 |
| Focal Length | 3.6 mm |
| Max. Aperture | 3.6 mm: F1.6 |
| Field of View | 3.6 mm: H: 89°; V: 46°; D: 105° |
| Iris Type | Fixed iris |
| Close Focus Distance | 3.6 mm: 2.2 m (7.22 ft) |

| DORI Distance | Lens | Detect | Observe | Recognize | Identify |
|---|---|---|---|---|---|
| | 3.6mm | 110.3 mm (361.88 ft) | 44.1 m (144.69 ft) | 22.1 m (72.51 ft) | 11 m (36.09 ft) |

### Video

| | |
|---|---|
| Frame Rate | CVI:<br>4K@15 fps/25 fps/30 fps, 4M@25 fps/30 fps;<br>AHD:<br>4K@15 fps;<br>TVI:<br>4K@15 fps |
| Resolution | 4K (3840 × 2160); 4M (2560 × 1440) |
| BLC Mode | BLC/HLC/DWDR |
| WDR | DWDR |
| White Balance | Auto/Manual |
| Gain Control | Auto/Manual |
| Noise Reduction | 2D |
| Smart Light | Yes |

| | |
|---|---|
| Mirror | Off/On |
| Privacy Masking | Off/On (8 Area, Rectangle) |

### Certifications

| | |
|---|---|
| Certifications | CE (EN55032:2015, EN61000-3-2:2014, EN61000-3-3:2013, EN55024:2010+A1:2015, EN 55035:2017, EN50130-4:2011+A1:2014)<br>FCC (CFR 47 FCC Part 15 subpartB, ANSI C63.4-2014)<br>UL (UL60950-1+CAN/CSA C22.2 No.60950-1)<br>IEC 62368-1:2014 (Second Edition) |

### Port

| | |
|---|---|
| Video Output | 1 BNC output<br>Support CVI/TVI/AHD |
| Audio Input | Built-in mic |
| Alarm out | 1ch alarm out |

### Active Deterrence

| | |
|---|---|
| Red/Blue Light Warning | Flash: 5 s–30 s; frequency: high/medium/low |
| Sound Warning | Audio 1/2/3; Volume: high/medium/low;<br>duration: 5 s–30 s; 110 dB |

### Power

| | |
|---|---|
| Power Supply | 12V±30% DC |
| Power Consumption | Max 7.7W (12V DC, warm light on) |

### Environment

| | |
|---|---|
| Operating Temperature | −40°C to +60°C (−40°F to 140°F);<br><95% (non-condensation) |
| Storage Temperature | −40°C to +60°C (−40°F to 140°F);<br><95% (non-condensation) |
| Ingress Protection | IP67 |

### Structure

| | |
|---|---|
| Casing | Cover: Metal<br>Rear: Plastic<br>Pedestal: Metal |
| Camera Dimensions | 240.7 mm × Φ90.7 mm (9.48" × Φ3.57") |
| Net Weight | 0.44 kg (0.97 lb) |
| Gross Weight | 0.70 kg (1.54 lb) |

**OYN-X**

## Dimensions (mm[inch])

240.7 [9.48]

146.4 [5.76]

141.0 [5.55]

90.7 [3.57]

80.2 [3.16]

76.2 [3.00]

90.4 [3.56]

⌀90.7 [⌀3.57]

⌀70.0 [⌀2.76]

3-⌀4.7 [⌀0.19]