

CD3211 | Eyeball Dome 2MP Outdoor IR Camera

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Innovating IP since 2006



- 1/2.8" 2MP CMOS sensor
- 2.8mm, F2.0
- Smart Codec + H.265
- 1080p @ 25fps
- D-WDR
- 30m Smart IR range
- ROI (Region Of Interest)
- Corridor mode
- Operating conditions -30~ 60°C
- Micro SD/SDHC/SDXC card slot up to 128GB
- Two way audio (full duplex)
- 2 alarm in / 1 alarm out
- 12V DC & PoE (802.3af)
- IP66
- ONVIF 2.4 & Profile S

ZAVIO Eyeball Dome Series are compact and cost-effective fixed lens camera - with full HD resolution, H.265 compression and up to 30 meters IR range - fitting the bill for almost any applications.

Designed for efficient installation, ZAVIO Eyeball Dome Series have 3 axis angle adjustment and features such as Corridor Mode and ROI, all of which enables users to easily adjust the view and focus of the camera, allowing a better use of the bandwidth and storage requirements.

To benefit from the camera's maximum potential, please use with ZAVIO NVRs and Management Software Z+. They provide seamless integration with ZAVIO IP cameras, featuring embedded camera settings and batch maintenance. Download ZAVIOR mobile APP to get instant access to your devices and manage them anytime anywhere.

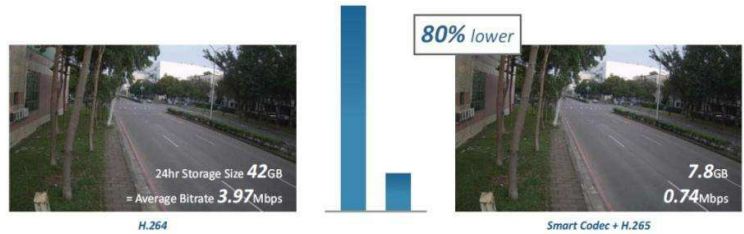
Optional accessories

Model name: AZ-J01
Category: Junction box
Dimensions: ϕ 119 x 39mm

Features

Smart Codec + H.265

ZAVIO Smart Codec + H.265 reduces bandwidth and storage requirements by a stunning 80% compared to standard H.264 camera.



Smart IR

Smart IR automatically adjusts brightness of the IR illuminators to the scene content, effectively avoiding overexposure of objects that are too close to the camera.

ROI (Region of Interest)

Defining a Region Of Interest will allow you to spending less bandwidth in areas that are less important, while relocating resolution on the most relevant part.



Landscape mode

Corridor mode

Corridor mode

Corridor Mode allows you to get a vertically oriented video stream from the camera, maximizing image quality while eliminating bandwidth and storage waste.

Technical Specifications

Camera

| | |
|------------------------------|---|
| Camera Type | 2MP Outdoor IR Dome |
| Image sensor | 1/2.8" CMOS sensor |
| Lens | 2.8mm, F2.0 |
| Horizontal view angle | 96° |
| IR working distance | 30m Smart IR effective range |
| Min illumination | 0.05 lux @ F2.0 (color) 0.005 lux @ F2.0 (B/W) |
| WDR | D-WDR |
| Day/Night function | Mechanical IR cut filter, Light sensor |

Video & Audio

| | |
|--------------------------|--|
| Resolutions | Motion JPEG/H.264/H.265: 2 Profile from 1920 x 1080 to 320 x 240 (total 5 resolutions) 2 Profile from 640 x 480 to 320 x 240 (total 3 resolutions) |
| Video compression | Motion JPEG H.264 baseline/ main profile/high profile H.265 |
| Frame rate | H.265/H.264: up to 25 fps at 1920 x 1080 Motion JPEG : up to 25 fps at 1920 x 1080 |
| Video streaming | Simultaneous Motion JPEG, H.264, H.265 Controllable frame rate and bandwidth Support unicast and multicast (RTSP) |
| Image settings | Rotation: mirror, flip, mirror flip, corridor mode Brightness, contrast, saturation, sharpness Overlay capabilities: time, date, text and privacy Image ROI, White balance (auto/manual) 3D DNR - |
| Audio support | Two-way (full duplex) |
| Audio compression | G.711 u law, a law, G.726, AMR |

I/O & Connector

| | |
|----------------------------|--------------------------------|
| Ethernet | RJ-45 Ethernet 10/100 Base -T |
| PoE | 12V DC & PoE (802.3af) |
| Alarm I/O | 2/1 |
| Audio connector | line in & line out |
| Analog video output | v |
| RS-485 | v |
| Edge storage | Micro SD/SDHC/SDXC up to 128GB |
| Buttons | Reset push button |

Alarm & Event

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|---------------------|--|
| Event type | Alarm input, motion detection, audio detection, periodical, network link down. |
| Alarm action | Network storage, edge storage, FTP, SMTP, HTTP event, HTTPS, alarm out pre and post event image. |

Network

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|----------------------------|--|
| Users | 5 simultaneous users |
| Security | Multiple user access levels with password protection, HTTPS encryption |
| Supported protocols | IPv4, IPv6, Bonjour, TCP/ IP, DHCP, DNS, DynDNS, PPPoE, ARP, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP |
| ONVIF | 2.4 & Profile S |

General

| | |
|-----------------------------|---|
| Housing | Aluminum Alloy |
| Ingress Protection | IP66 rated weatherproof housing |
| Impact Protection | - |
| Other(s) | - |
| Operating conditions | Starting temperature: -10 ~ 60°C Humidity 10-100% RH Working temperature: -30~ 60°C Humidity 10-100% RH |
| Dimensions | φ119 x 83mm |
| Weight | 710g excl. power supply |
| Included accessories | Quick installation guide, mounting and connector kit. |
| Optional accessories | AZ-J01 |
| Certification | CE, FCC, RoHS |
| Language | Chinese, Croatian, Czech, Danish, Dutch, English, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Polish, Portuguese, Russian, Slovak, Spanish, Swedish, Turkish |

System Requirements

| | |
|-------------------------|--|
| Operating system | Windows XP / 7 / 8 / 8.1, MAC OS, Linux |
| Browser | Internet Explorer 9 / 10 / 11, Chrome, Firefox, Safari |

