

# CD6330 | Dome 3MP Motorized Outdoor IR Camera

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**ZAVIO**  
Innovating IP since 2006



- 1/2.8" 3MP CMOS sensor
- Motorized 2.8-12mm, F1.6, P-iris
- Smart Focus
- Smart Codec + H.265
- 3MP @ 30fps
- 120dB
- 35m Smart IR range
- Corridor mode, Defog, ROI
- Operating conditions -30~ 60°C
- MicroSD/SDHC/SDXC card slot up to 128GB
- Two way audio (full duplex)
- 2 alarm in / 1 alarm out
- 12V DC & PoE (802.3af)
- IP67 & IK10
- ONVIF 2.4 & Profile S

ZAVIO CD6330 outdoor dome is a full featured, compact and affordable camera - with 3MP resolution, motorized lens, H.265 compression, 35meters Smart IR range, edge storage and vandal-resistant housing - fitting the bill for almost any applications.

Designed for efficient installation, ZAVIO CD6330 has 3 axis angle adjustment and Smart Focus. Additional feature includes Corridor Mode and ROI (Region Of Interest). 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:**  $\phi$ 119 x 39mm

**Model name:** AD-M06  
**Category:** Wall mount  
**Dimensions:** 205 x 120mm

## 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.



WDR off



WDR on

### WDR

Cameras with WDR will take multiple exposures of the full scene and merge them together to provide an image that extends further than the human eye can perceive.

### 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.



### P-iris

P-iris allows objects at different distances from the camera to be focused simultaneously - providing images with better contrast, clarity, resolution and depth of field.

### ROI (Region Of Interest)

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



## Technical Specifications

Camera		Alarm & Event	
<b>Camera Type</b>	3MP Motorized Outdoor IR Dome	<b>Event type</b>	Alarm input, motion detection, audio detection, periodical, network link down, tampering, tripwire, people density, perimeter.
<b>Image sensor</b>	1/2.8" CMOS sensor	<b>Alarm action</b>	Network storage, edge storage, FTP, SMTP, HTTP event, HTTPS, alarm out pre and post event image.
<b>Lens</b>	Motorized 2.8-12mm, F1.6, P-iris	<b>Network</b>	
<b>Horizontal view angle</b>	96° - 35°	<b>Stream</b>	10 simultaneous connection
<b>IR working distance</b>	35m Smart IR effective range	<b>Security</b>	Multiple user access levels with password protection, HTTPS encryption
<b>Min</b>	0.01 lux @ F1.6 (color) 0.001 lux @ F1.6 (B/W)	<b>Supported protocols</b>	IPv4, IPv6, Bonjour, TCP/ IP, DHCP, DNS, DynDNS, PPPoE, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP
<b>WDR</b>	120dB	<b>ONVIF</b>	2.4 & Profile S
<b>Day/Night function</b>	Mechanical IR cut filter, Light sensor	<b>General</b>	
Video & Audio		<b>Housing</b>	Aluminum Alloy
<b>Resolutions</b>	Motion JPEG/H.264/H.265: 2 Profile from 2058 x 1536 to 320 x 240 (total 6 resolutions) 2 Profile from 640 x 480 to 320 x 240 (total 3 resolutions)	<b>Ingress Protection</b>	IP67 rated weatherproof housing
<b>Video compression</b>	Motion JPEG H.264 baseline/ main profile/high profile H.265	<b>Impact Protection</b>	IK10 rated vandalproof housing
<b>Frame rate</b>	H.265/H.264: up to 30 fps at 2058 x 1536 Motion JPEG : up to 15 fps at 2058 x 1536	<b>Operating conditions</b>	Starting temperature: -10 ~ 60°C Humidity 10-100% RH Working temperature: -30~ 60°C Humidity 10-100% RH
<b>Video streaming</b>	Simultaneous Motion JPEG, H.264, H.265 Controllable frame rate and bandwidth Support unicast and multicast (RTSP)	<b>Dimensions</b>	φ118 x 96mm
<b>Image settings</b>	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 Defog	<b>Weight</b>	696g excl. power supply
<b>Audio support</b>	Two-way (full duplex)	<b>Included accessories</b>	Quick installation guide, mounting and connector kit.
<b>Audio compression</b>	G.711 u law, a law, G.726, AMR	<b>Optional accessories</b>	AZ-J01, AD-M06
<b>I/O &amp; Connector</b>		<b>Certification</b>	CE, FCC, RoHS
<b>Ethernet</b>	RJ-45 Ethernet 10/100 Base -T	<b>Language</b>	Chinese, Croatian, Czech, Danish, Dutch, English, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Polish, Portuguese, Russian, Slovak, Spanish, Swedish, Turkish
<b>Power Supply</b>	DC Jack, 12V DC, 1A Power consumption: Max 11W PoE(Power over Ethernet) built-in IEEE 802.3af	<b>System Requirements</b>	
<b>Alarm I/O</b>	2/1	<b>Operating system</b>	Windows XP / 7 / 8 / 8.1, MAC OS, Linux
<b>Audio connector</b>	line in & line out	<b>Browser</b>	Internet Explorer 9 / 10 / 11, Chrome, Firefox, Safari
<b>Analog video output</b>	v		
<b>RS-485</b>	v		
<b>Edge storage</b>	MicroSD/SDHC/SDXC card slot up to 128GB		
<b>Buttons</b>	Reset push button		

