

# D6330 | Dome 3MP Motorized Outdoor IR Camera

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**ZAVIO**  
Innovating IP since 2006



- 1/2.8" CMOS sensor
- Motorized lens 2.8-12mm, F1.6, P-Iris
- Smart Codec + H.265
- 3MP @ 30fps
- 120dB WDR
- Smart Focus
- 40m IR range with Smart IR
- ROI (Region Of Interest)
- 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 & IK10
- ONVIF 2.4 & Profile S

ZAVIO D6330 outdoor dome is full featured, yet compact and affordable. Latest H.265 compression to cut bandwidth in half, with ZAVIO's smart codec feature further lowering bandwidth and storage consumption to 80% less than normal H.264 cameras. True WDR to handle the most challenging lighting conditions. Superior low-light sensitivity that still sees when you don't. Smart Focus function which automatically focuses in a second.

The D6330 can be used in all kinds of applications, outdoors and indoors. Comes with ZAVIO CamGraba 2.0, the most professional VMS software you can get for free, with support for up to 64 IP cameras.

## Optional accessories

**Accessory:** Wall mount  
**Item number:** AD-M02  
**Dimensions:** 211 x 120mm  
**Compatible with:** D6220, D6330, D6530

Wall mount



D6330 with wall mount



## 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.



Conventional



P-iris

### 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

<b>Camera Type</b>	3MP Motorized Outdoor IR Dome
<b>Image sensor</b>	1/2.8" CMOS sensor
<b>Lens</b>	Motorized 2.8-12mm, F1.6, P-iris
<b>Horizontal view angle</b>	96° - 35°
<b>IR working distance</b>	40m effective range with Smart IR
<b>Min</b>	0.01 lux @ F1.6 (color) 0.001 lux @ F1.6 (B/W)
<b>WDR</b>	120dB
<b>Day/Night function</b>	Mechanical IR cut filter, Light sensor

### Video & Audio

<b>Resolutions</b>	Motion JPEG/H.264/H.265: 2 Profile from 2048 x 1536 to 320 x 240 (total 6 resolutions) 2 Profile from 640 x 480 to 320 x 240 (total 3 resolutions)
<b>Video compression</b>	Motion JPEG H.264 baseline/ main profile/high profile H.265
<b>Frame rate</b>	H.265/H.264: up to 30 fps at 3MP Motion JPEG : up to 30 fps at 1080p, 15 fps at 3MP
<b>Video</b>	Simultaneous Motion JPEG, H.264, H.265 Controllable frame rate and bandwidth Support unicast and multicast (RTSP)
<b>Image settings</b>	Rotation: mirror, flip, mirror flip, corridor mode Brightness, contrast, saturation, sharpness Overlay capabilities: time, date, text and privacy Image ROI 3D DNR Defog
<b>Audio support</b>	Two-way (full duplex)
<b>Audio compression</b>	G.711 u law, a law, G.726, AMR

### I/O & Connector

<b>Ethernet</b>	RJ-45 Ethernet 10/100 Base -T
<b>Power Supply</b>	DC Jack, 12V DC, 1A Power consumption: Max 4.8W PoE(Power over Ethernet) built-in IEEE 802.3af
<b>Alarm I/O</b>	Terminal block, 2/1
<b>Audio connector</b>	RCA, line in & line out
<b>Analog video output</b>	-
<b>RS-485</b>	-
<b>Edge storage</b>	Micro SD/SDHC/SDXC up to 128GB
<b>Buttons</b>	Reset push button
<b>Other(s)</b>	-

### Alarm & Event

<b>Event type</b>	Alarm input, motion detection, audio detection, periodical, network link down, tampering, tripwire, people density, perimeter.
<b>Alarm action</b>	Network storage, edge storage, FTP, SMTP, HTTP event, HTTPS, alarm out pre and post event image.

### Network

<b>Users</b>	10 simultaneous users
<b>Security</b>	Multiple user access levels with password protection, HTTPS encryption
<b>Supported protocols</b>	IPv4, IPv6, Bonjour, TCP/ IP, DHCP, DNS, DynDNS, PPPoE, ARP, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP
<b>ONVIF</b>	2.4 & Profile S

### General

<b>Housing</b>	Aluminum Alloy
<b>Ingress Protection</b>	IP66 rated weatherproof housing
<b>Impact Protection</b>	IK10 rated vandalproof housing
<b>Other(s)</b>	-
<b>Operating conditions</b>	Starting temperature: -10 ~ 60°C Humidity 10-100% RH Working temperature: -30~ 60°C Humidity 10-100% RH
<b>Dimensions</b>	φ132 x 122.30mm
<b>Weight</b>	1050g excl. power supply
<b>Included accessories</b>	Quick installation guide, mounting and connector kit.
<b>Optional accessories</b>	Wall mount AD-M02
<b>Certification</b>	CE, FCC, RoHS
<b>Language</b>	Chinese, Croatian, Czech, Danish, Dutch, English, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Slovak, Spanish, Swedish, Turkish

### System Requirements

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

### Software

<b>Video management software</b>	ZAVIO CamGraba 2.0 IP System software, for viewing, recording and archiving up to 64 cameras.
<b>Installation, management and maintenance</b>	ZAVIO Installation Tool makes camera management easier camera image preview, firmware upgrade of multiple cameras, reset cameras to default while keeping network settings, etc.

