

# D6320 | Eyeball Dome 3MP Outdoor IR Eyeball Camera

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**ZAVIO**  
Innovating IP since 2006



- 1/3" 3MP CMOS sensor
- Fixed lens 2.8mm, F2.0
- Smart Codec + H.265
- 3MP @ 30fps
- 100dB WDR
- 30m IR range
- ROI (Region Of Interest)
- Defog
- Corridor mode
- Operating conditions -30~ 60°C
- 12V DC & PoE (802.3af)
- IP66
- ONVIF 2.4 & Profile S

ZAVIO D6320 is an outdoor ready IR eyeball dome, with 3MP resolution and frame rate of up to 30fps @ 2304x1296. Featuring 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. Class-leading WDR to handle the most challenging lighting conditions.

Additional features includes ROI (Region of Interest) and Corridor mode, allowing you to spend your precious bandwidth and storage on the areas that really matter and helping you to make the most of your field of view by changing the standard landscape mode into corridor mode for staircases, aisles, tunnels and many more.

Compatible with ZAVIO CamGraba 2.0, the most professional free NVR software that can support up to 64 IP cameras.

## Optional accessories

**Accessory:** Junction box  
**Item number:** AZ-M01  
**Dimensions:** 119 x 39mm  
**Compatible with:** D6210, D6320, D6520, B6210, B6320, B6520, B6220, B6330, B6530,

Junction box



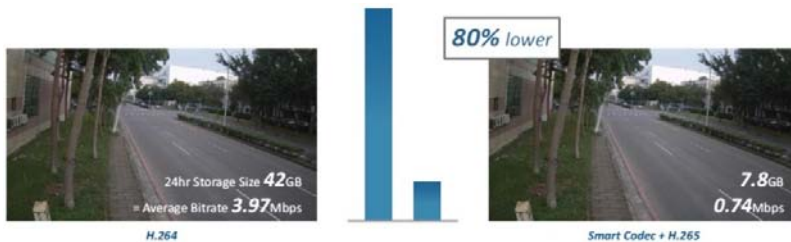
D6320 with junction box



## 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.

### 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.



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	3MP Outdoor IR Eyeball Dome
Image sensor	1/3" CMOS sensor
Lens	Fixed lens 2.8mm, F2.0
Horizontal view angle	87°
IR working distance	30m effective range
Min illumination	0.1 lux @ F2.0 (color) 0.01 lux @ F2.0 (B/W)
WDR	100dB
Day/Night function	Mechanical IR cut filter, Light sensor

Video & Audio	
Resolutions	Motion JPEG/H.264/H.265: 2 Profile from 2304 x 1296 to 320 x 240 (total 6 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 30 fps at 2304 x 1296 Motion JPEG : up to 30 fps at 2304 x 1296
Video streaming	Simultaneous Motion JPEG, H.264, H.265 Controllable frame rate and bandwidth Support unicast (Real Time Streaming Protocol)
Image settings	Rotation: mirror, flip, mirror flip, corridor mode Brightness, contrast, saturation, sharpness Overlay capabilities: time, date, text and privacy Image ROI 3D DNR Defog
Audio support	-
Audio compression	-

I/O & Connector	
Ethernet	RJ-45 Ethernet 10/100 Base -T
Power Supply	DC Jack, 12V DC, 1A Power consumption: Max 6.6W PoE(Power over Ethernet) built-in IEEE 802.3af
Alarm I/O	-
Audio connector	-
Analog video output	-
RS-485	-
Edge storage	-
Buttons	Reset push button
Other(s)	-

Alarm & Event	
Input	Alarm buffer, alarm input, motion detection, periodical, network link down.
Output	Network storage, FTP, SMTP, HTTP event, HTTPS, alarm out pre and post event image.

Network	
Users	10 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(HxWxD)	56.8 x 119.24 x 82.79mm
Weight	710g excl. power supply
Included accessories	Quick installation guide, mounting and connector kit.
Optional accessories	Junction box
Certification	CE, FCC, RoHS
Language	Chinese, Croatian, Czech, Danish, Dutch, English, French, German, Greek, Hungarian, Italian, Japanese, Korean, 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

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

