- · 1/3.2" 5MP CMOS sensor
- · Fixed lens 2.8mm, F2.0
- · Smart Codec + H.265
- · 5MP @ 15fps
- · 90dB WDR

- · 25m 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 D6520 is an outdoor ready IR eyeball dome, with 5MP resolution and frame rate of up to 15fps @ 2560x1920. 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,

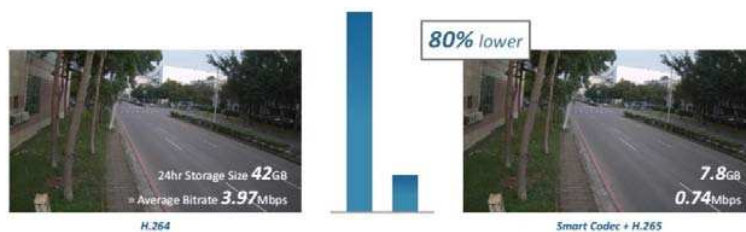B6210, B6320, B6520, B6220, B6330, B6530,

Junction box

D6520 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

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.

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	5MP Outdoor IR Eyeball Dome
Image sensor	1/3.2" CMOS sensor
Lens	Fixed lens 2.8mm, F2.0
Horizontal view angle	85°
IR working distance	25m effective range
Min illumination	0.3 lux @ F2.0 (color)
	0.03 lux @ F2.0 (B/W)
WDR	90dB
Day/Night function	Mechanical IR cut filter, Light sensor

Video & Audio

Resolutions	Motion JPEG/H.264/H.265:
	2 Profile from 2560 x 1920 to 320 x 240 (total 6 resolutions)
	2 Profile from 640 x 480 to 640 x 360 (total 2 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 1080p, 15fps at 5MP
	Motion JPEG : up to 30 fps at 1080p, 10fps at 5MP
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.