

D6220 | Dome 2MP Varifocal Outdoor IR Camera

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Innovating IP since 2006



- 1/2.8" 2MP CMOS sensor
- Varifocal lens 2.8-12mm, F1.6, P-Iris
- 1080p @ 30fps
- D-WDR
- 3D DNR
- 25m IR range
- ROI (Region Of Interest)
- Corridor mode
- Operating conditions -30~ 60°C
- Micro SD/SDHC/SDXC card slot up to 32GB
- Two way audio (full duplex)
- 2 alarm in / 1 alarm out
- 12V DC & PoE (802.3af)
- IP66 & IK10
- ONVIF 2.4 & Profile S

ZAVIO D6220 outdoor dome is a compact and affordable camera - with 1080p resolution, H.264 compression, IR LEDs, PoE, IP66 weatherproof and IK10 vandalproof housing - fits the bill for most applications where a clear image day and night is all that's needed.

Featuring ROI (Region of Interest) and Corridor mode, allows 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.

The D6220 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.

Features

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 Varifocal Outdoor IR Dome
Image sensor	1/2.8" CMOS sensor
Lens	Varifocal 2.8-12mm, F1.6
Horizontal view angle	105° - 35°
IR working distance	25m effective range
Min illumination	0.01 lux @ F1.6 (color) 0.001 lux @ F1.6 (B/W)
WDR	D-WDR
Day/Night function	Mechanical IR cut filter, Light sensor

Video & Audio	
Resolutions	Motion JPEG/H.264: 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 -
Frame rate	H.264: up to 30 fps at 1920 x 1080 Motion JPEG : up to 30 fps at 1920 x 1080
Video streaming	Simultaneous Motion JPEG, H.264 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 -
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
Power Supply	DC Jack, 12V DC, 1A Power consumption: Max 5.1W PoE(Power over Ethernet) built-in IEEE 802.3af
Alarm I/O	Terminal block, 2/1
Audio connector	RCA, line in & line out
Analog video output	-
RS-485	-
Edge storage	Micro SD/SDHC/SDXC up to 32GB
Buttons	Reset push button
Other(s)	-

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

Network	
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	IK10 rated vandalproof housing
Other(s)	- -
Operating conditions	Starting temperature: -10 ~ 60°C Humidity 10-100% RH Working temperature: -30~ 60°C Humidity 10-100% RH
Dimensions(HxWxD)	φ132 x 112.20mm
Weight	1050g excl. power supply
Included accessories	Quick installation guide, mounting and connector kit.
Optional accessories	Wall mount
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.

