

# D6220 | Dome 2MP Varifocal Outdoor IR Camera

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**ZAVIO**  
Innovating IP since 2006



- 1/2.8" 2MP CMOS sensor
- Varifocal lens 2.8-12mm, F1.6
- 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.

## Optional accessories

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



## 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

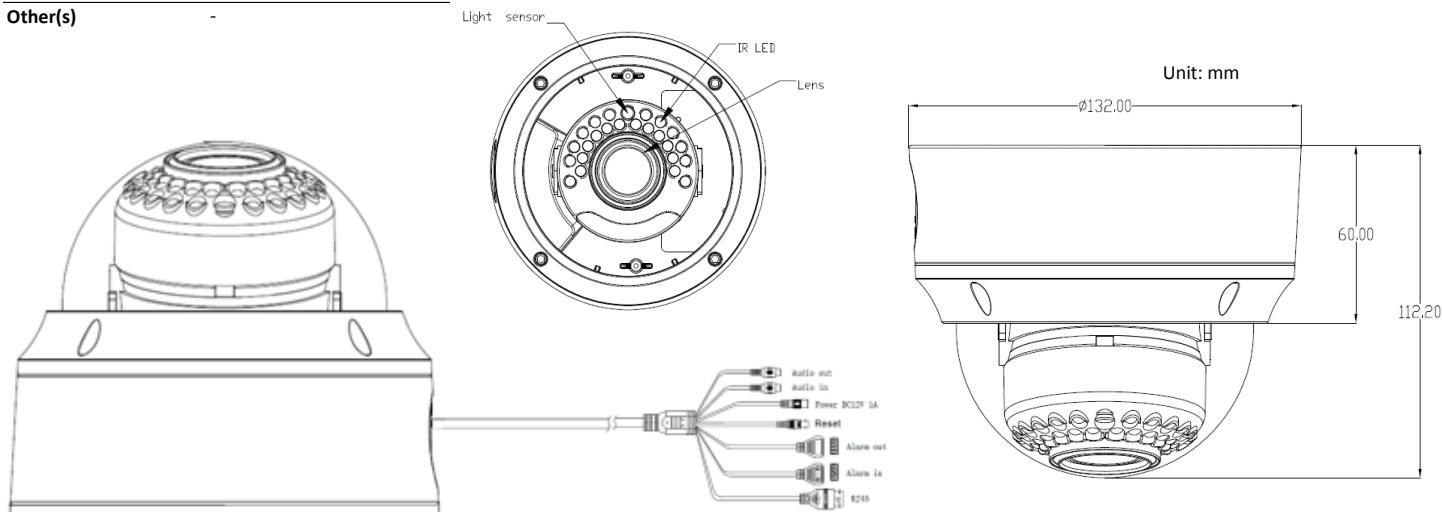
<b>Camera Type</b>	2MP Varifocal Outdoor IR Dome
<b>Image sensor</b>	1/2.8" CMOS sensor
<b>Lens</b>	Varifocal 2.8-12mm, F1.6
<b>Horizontal view angle</b>	105° - 35°
<b>IR working distance</b>	25m effective range
<b>Min</b>	0.01 lux @ F1.6 (color) 0.001 lux @ F1.6 (B/W)
<b>WDR</b>	D-WDR
<b>Day/Night function</b>	Mechanical IR cut filter, Light sensor

### Video & Audio

<b>Resolutions</b>	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)
<b>Video compression</b>	Motion JPEG H.264 baseline/ main profile/high profile -
<b>Frame rate</b>	H.264: up to 30 fps at 1920 x 1080 Motion JPEG : up to 30 fps at 1920 x 1080
<b>Video</b>	Simultaneous Motion JPEG, H.264 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 -
<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 5.1W 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 32GB
<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.
<b>Alarm action</b>	Network storage, edge storage, FTP, SMTP, HTTP event, HTTPS, alarm out pre and post event image.

### Network

<b>Users</b>	5 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 112.20mm
<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, 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.