ZAVIO D8210 2MP P-iris Motorized Outdoor Dome

ZAVIO
Innovating IP since 2006

- **Full HD 1080p**
- **SONY CMOS sensor**
- **P-iris**
- **Motorized lens with smart focus**
- **Smart features : Adaptive IR/ ROI/ Corridor Mode**
- **IP66 + IK10**
- **Operation condition : -40~60^{0}C**

ONVIF

D8210 Full HD motorized outdoor dome camera can keep consistent visibility all the time, is a perfect surveillance solution for monitoring 24x7 outdoor activities.

This D8210 outdoor dome is extremely comprehensive, can work in almost any location, including banks, residential or public area. It features a motorized lens for remote focus and zoon control, the installer/user can remote control the focal length and precisely adjust the camera focus. This made D8210 hassle-free installation and maintenance. Besides, D8210 comes with Smart IR and P-iris to provide great clarity image all day. Compared to traditional IR, Smart IR can automatically adjusting IR output in response to the distance of the object to avoid over-exposure. P-iris can provide a clear image with better contrast and depth of field. That's why D8210 can overcome variation light condition to have clear image.

Compatible with ZAVIO CamGraba2.0, the most professional NVR software for free bundled can support up to 64 IP cameras, you can easily setup a surveillance system and 24-7 monitor from mobile devices, PC or laptop without any extra cost.

Related models

Model Name	D8210	D7510	D7320
Feature	Full HD 1080p	5MP	3MP + WDR
	Motorized, P-iris	Varifocal, DC-iris	Varifocal, DC-iris
	Smart focus	-	-
	ICR + Smart IR 20m	ICR + IR 20m	ICR + IR 20m
	Alarm inx1/ outputx1	Alarm inx1/ outputx1	Alarm inx1/ outputx1
	SD	MicroSD	MicroSD
	IK10 + IP66	IK10 + IP66	IK10 + IP66

Made in Taiwan

Features

- Full HD 1080p
- 1/2.8" SONY Exmor CMOS sensor
- H.264 and Motion JPEG compression
- 30 fps at 1920 x 1080
- 2.8 - 12 mm, F1.6, motorized, P-iris lens
- True day & night with automatic removable IR-cut filter
- Smart focus system for remote focal & focus control
- Smart feature: Smart IR, Corridor Mode, ROI
- Smart IR 20m
- Two-way audio and built-in microphone
- RTC with built-in battery
- Built-in SD card slot

- 1 x alarm input, 1 x alarm output
- Tampering detection
- IK10 vandal-proof
- IP66weatherproof
- Screwless 3-axis angle adjustment for easy instalation on walll or ceiling
- SSL v3 advanced HTTPS encryption
- Full support for Firefox, Safari and Mac OS
- Supports Samba network storage
- Multi-lingual user interface
- ONVIF 2.3 and Profile S compliant
- Free 64 channels ZAVIO CamGraba 2.0 NVR software
- Supports True Plug and Play Cloud Solution

Smart IR

Smart IR OFF

Smart IR ON

P-iris

Conventional

P-iris

Applications

1. banking
2. Residential
3. Public Area

ZAVIO IP Surveillance Solutions

· Free Plug & Play Cloud Solution

You can watch Live Video on your computer or the mobile app
on your iOS/ Android device. Setup is as easy as 1-2-3, and it's completely free!
Step 1. Now, go to sat.qlync.com
Step 2. Create your account
Step 3. Add cameras to your account
Please go to zavio.com for a list of Cloud Solution support camera models

· NVR Partners

ZAVIO IP Cameras are supported by a wide range of 3rd party NVR software and devices.
Please go to zavio.com for a list of our partners.

· Free 64ch NVR Software

The most professional NVR software you can get for free!

· 8ch/ 16ch Standalone NVR

The easiest way to view, record and playback up to 8 Full HD cameras all in real-time.

· ONVIF

ONVIF 2.3 & Profile S compliant

Driving network video through global standardization

Technical Specifications

Camera

Model	D8210 Full HD Motorized Outdoor Dome
Image sensor	1/2.8" megapixel CMOS sensor
Lens	F1.6, 2.8-12 mm motorized, P-iris lens
Angle of view	33°-107° horizontal
Min illumination	0.05 lux @ F1.6(color)
	0.001 lux (B/W)
	0 lux (IR LED on)
IR working distance	20m effective range
	Smart IR, adjustable brightness via FW
IR LEDs	High performance IR LED x 16(850nm)
Day/Night function	Mechanical IR cut filter
	Light sensor
Pan	345°
Tilt	70°
Rotate	345°

Video

Video compression	Motion JPEG
	H.264 baseline/ main profile
Resolutions	Motion JPEG/ H.264:
	2 profiles from 1920 x 1080 to 320 x 240
	2 profiles from 640 x 480 to 320 x 240
Frame rate	Motion JPEG: up to 30 fps at 1920 x 1080
	H.264: 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
	WDR enhanced
	Brightness, contrast, saturation, sharpness
	Overlay capabilities: Time stamp, Title, Title & Time stamp
	Privacy mask

Audio

Audio streaming	Two-way (full duplex)
Audio compression	G.711 μ law, a law, AMR
Audio input/output	Line in/ line out

Network

Security	Multiple user access levels with password protection, HTTPS encryption
Supported protocols	Bonjour, TCP/ IP, DHCP, DNS, DynDNS, PPPoE, ARP, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP
Users	5 simultaneous users

Alarm and Event Support

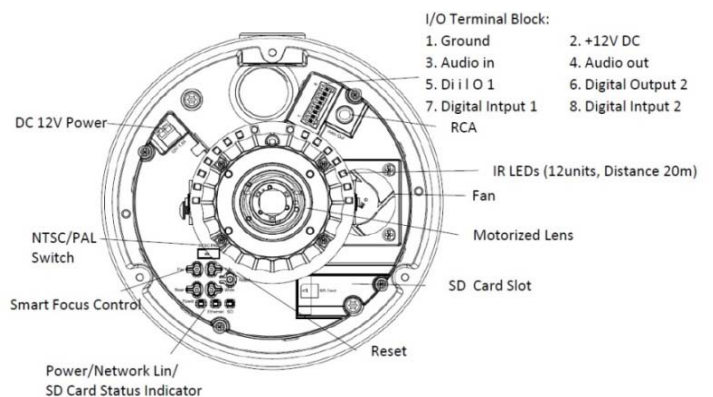|	
Alarm and event	Input: alarm buffer, alarm input, motion detection
	Output: network storage, FTP, SMTP, HTTP event, alarm
	Pre-and post alarm buffer

System

Connectors	RJ-45 Ethernet 10/ 100 Base-T(with PoE)
	2 pin terminal blocks for DC power
	Smart focus control buttons
	Terminal blocks for alarm input/ alarm output
	Line in/ line out
	Reset push button
	NTSC/ PAL switch
	RCA connector for analog video output
Local storage	SD/ SDHC card slot
LED Indicator	Power status indicator
	Network link indicator
	SD card status indicator
Software integration	ONVIF 2.3 & Profile S

General

Casing	Aluminum casing
Housing	IP66 rated weatherproof housing
Power	12V DC, 1.5A
	Power comsumption: Max. 14W
	PoE(Power over Ethernet) built-in IEEE 802.3af/at (class 0)
Operating conditions	-40 ~ 60 ℃ (-40 ~ 140 ℉)
Installation, management and maintenance	ZAVIO camera management tool on CD and web-based configuration. Configuration of backup and restore firmware upgrades over HTTP, firmware available at www.zavio.com
Minimum web browsing requirement	Pentium 2.8GHz (or equivalent AMD) 256MB RAM graphic cards (or equivalent on-board graphic cards) 1G RAM Windows 2008, XP, Vista or Windows 7 Mac OS Leopard 10.5 or later
Dimensions (HxWxD)	φ165 x 125mm (6.50" x 4.92")
Weight	1670g (3.69lb) excl. power supply
Included accessories	Quick installation guide, CD (IP surveillance software, IP installer, user manual and language packs), mounting and connector kits
Certification	CE, FCC, RoHS

Integration

Video management software	ZAVIO CamGraba 2.0 IP System software, for viewing, recording and archiving up to 64 cameras. Go to http://www.zavio.com/support_softwares.phd for more software application

Part Names and Functions

Dimensions