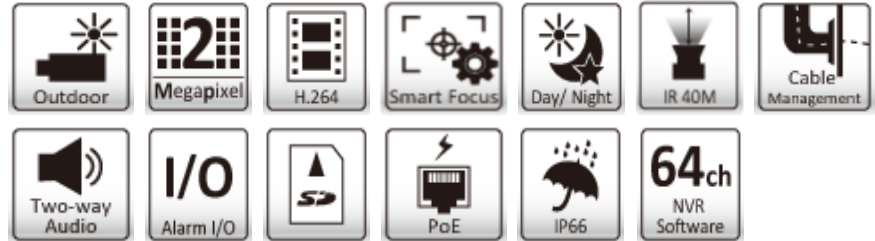


ZAVIO B8210 2MP Extreme Outdoor Bullet Camera



- Full HD 1080p
- Latest generation Sony Exmor sensor
- P-iris + Mototized lens
- Super wide angle + Smart IR 40m
- -40°- 60°Cextreme condition with integrated fan & heater



The all new ZAVIO B8210 extreme outdoor bullet camera featuring an innovative design can blend well with the extreme environment. This 2 megapixel camera equipped the latest generation Sony Exmor sensor, can be expected to deliver higher video quality.

Built in fan and heater protects camera from -40°Cto 60°Cextreme temperature, the IP66 rated certified construction makes the camera to withstand harsh outdoor conditions and severe weather. The bullet also outfitted with super wide angle and smart IR, gives a viewing range of 40m to achieve excellent day & night functionality.

The B8210 is used in applications ranging from banking and transportation to high latitude and public area. Compatible with ZAVIO CamGraba2.0, the most professional NVRsoftware for free bundled can support up to 64 IP cameras and plug-and-play cloud solution, you can easily setup a surveillance system and 24-7 monitor from mobile devices, PCor laptop without any extra cost.



Related models

Model Name	B7210	B7320	B7510	B8210
Feature	Outdoor IP66	Outdoor IP66	Outdoor IP66	Outdoor IP66
	Full HD 1080p	3MP+ WDR	5MP	Full HD 1080p
	Varifocal	Varifocal	Varifocal	Motorized
	ICR+ IR30m	ICR+ IR30m	ICR+ IR30m	ICR+ IR40m
	Built-in fan & heater	Built-in fan & heater	Built-in fan & heater	Built-in fan & heater
	PoE	PoE	PoE	PoE

Features

- . 2 megapixel progressive scan CMOS sensor
- . H.264 and Motion JPEG compression
- . 30 fps at 1920 x 1080
- . Day & night functionality with automatic removable IR-cut filter
- . 6 high performance IR LEDs and up to 40m distance
- . 3 - 9mm, F1.3, motorized, P-iris lens
- . Smart focus system for remote focal & focus control
- . Analog video output through RCA connector
- . Built-in SD card slot
- . Built-in fan & heater, enabling camera in severe environment (-40 - 60°C)
- . Power over Ethernet (IEEE 802.3af/at)
- . RTC with built-in battery
- . Tampering detection
- . 2 x alarm input, 2 x alarm output
- . Two-way audio, line in and line out
- . IP66 rated weatherproof housing
- . SSL v3 advanced HTTPS encryption
- . Supports Samba network storage
- . Multi-lingual user interface
- . ONVIF 2.2 and Profile S compliant
- . Free 64 channels ZAVIO CamGraba 2.0 NVR software
- . Supports True Plug and Play Cloud Solution

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



Application



1. Banking
2. Transportation
3. Public Area

. Free 64ch NVR Software

The most professional NVR software you can get for free!



. 4ch/ 8ch Standalone NVR

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



. 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.

. ONVIF

ONVIF 2.2 & Profile S compliant



Technical Specifications

Camera	
Models	B8210 2MP day & night outdoor bullet IP camera
Image sensor	1/2.8" Sony Exmor CMOS sensor
Lens	F1.3, 3 - 9mm motorized, P-iris lens
Angle of view	36° - 105° horizontal
Min illumination	0.05 lux @ F1.3 (color) 0.001 lux @ F1.3 (B/W) 0 lux @ F1.3 (IR LED on)
IR working distance	40m effective range Smart IR, adjustable brightness via FW
IR LEDs	6 pcs (850nm)
Day/ Night function	Mechanical IR cut filter Light sensor

Video	
Video compression	Motion JPEG H.264 baseline/ main profile/ high profile
Resolutions	Motion JPEG: 2 resolutions from 1920x1080 to 320x240 via API 2 resolutions from 640x480 to 320x240 via API H.264 2 resolutions from 1920x1080 to 320x240 via API 2 resolutions from 640x480 to 320x240 via API
Frame rate	Motion JPEG: up to 30 fps at 1920x1080 H.264: up to 30 fps at 1920x1080
Video streaming	Simultaneous Motion JPEG, H.264 Controllable frame rate and bandwidth Support unicast and multicast (Real Time Streaming Protocol)
Image settings	Rotation: mirror, flip, mirror flip WDR enhanced Brightness, contrast, saturation, sharpness Overlay capabilities: time, date, text and privacy image

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

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 Unlimited number of users using multicast

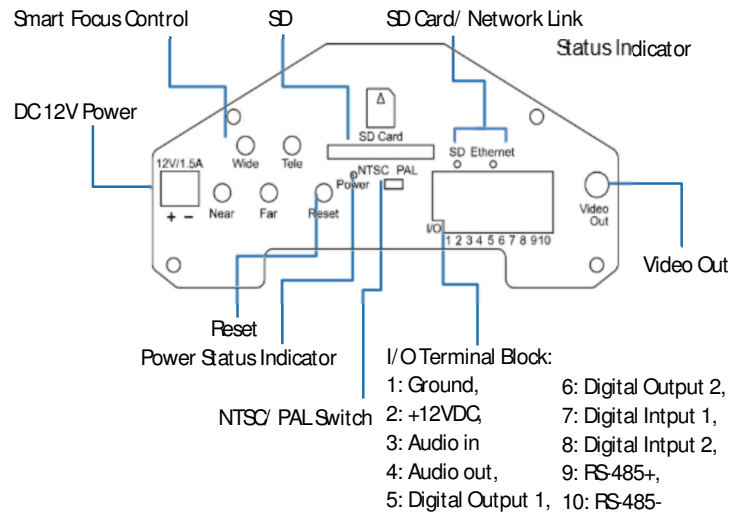
Alarm and Event Support	
Alarm and event management	Input: alarm buffer, alarm input, motion detection Output: network storage, FTP, SMTP, HTTP event, alarm out Pre-and post alarm buffer

System	
Connectors	RJ-45 for 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 switch NTSC/ PAL switch PCA connector for analog video output
Local storage	SD/ SDHC card slot
Software integration	ONVIF 2.2 and Profile S compliant
LED indicator	Power status indicator Network link indicator SD card status indicator

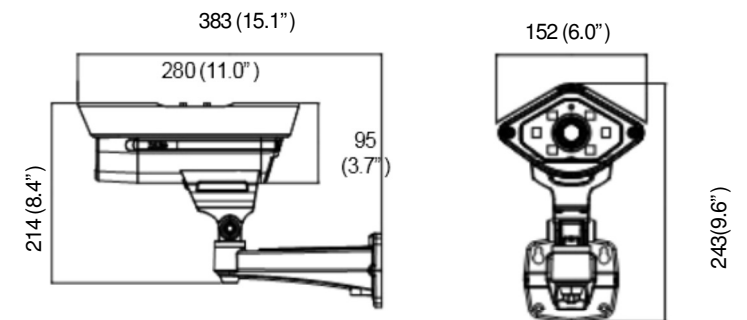
General	
Casing	Aluminum casing
Housing	IP66 rated weatherproof housing
Power	12V DC, 1.5A Power consumption: Max. 13W B8210: PoE (Power over Ethernet) built-in IEEE 802.3af/ at (Class 0)
Operating conditions	-40 ~ 60 °C (-40 ~ 140 °F)
Installation, management, and maintenance	ZAVIO camera web-based configuration. Configuration of backup and restore firmware upgrades over HTTP, firmware available at www.zavio.com
Minimum web browsing requirement	Pentium 4 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	383 x 152 x 243mm (incl. bracket) (15.1" x 6.0" x 9.6)
Weight	2170g (4.78lb) excl. power supply
Included accessories	Quick installation 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 Visit http://www.zavio.com/product.php?id=50 for more software application

Part Names and Functions



Dimensions



Unit: mm (inches)

