

ZAVIO B7510 5MP Day & Night Outdoor Bullet Camera



- 5 megapixel CMOS sensor
- 4 high performance IR LEDs and up to 30m distance
- Built-in MicroSD card slot
- Varifocal
- Built-in heater and fan
- IP66 weatherproof housing



The 5 megapixel B7510 bullet camera is designed for securing areas where high quality identification is needed, can capture video at resolutions of up to 1920 x 1080 (maximum 2560 x 1920) at frame rates up to 30 fps. The IP66 rated with -50°C to 60°C temperature protection, it makes the camera to withstand harsh outdoor conditions and tough environment, like rainstorms or scorching heat. And no external housing is required. B7510 also outfitted with IR LED illuminators and gives a viewing range of 30m to achieve excellent day & night functionality. B7510 is used in applications ranging from banking and city surveillance to high latitude and traffic monitoring. Besides, the included ZAVIO CamGraba2.0 is the most professional NVR software for free bundled can support up to 64 IP cameras.

Related models

Model Name	B7210	B7320	B7510
Feature	Outdoor IP66	Outdoor IP66	Outdoor IP66
	Full HD 1080p	3MP + WDR	5MP
	Varifocal	Varifocal	Varifocal
	ICR + IR 30m	ICR + IR 30m	ICR + IR 30m
	Built-in fan & heater	Built-in fan & heater	Built-in fan & heater

Features

- 5 megapixel progressive scan CMOS sensor
- High contrast bright & dark with enhanced WDR
- H.264 and Motion JPEG compression
- 15 fps in 2560 x 1920, 30 fps in 1920 x 1080
- Day & night functionality with automatic removable IR-cut filter
- 4 high performance IR LEDs and up to 30m distance
- 3 - 9mm, F1.3 varifocal, auto-iris lens
- Analog video output through RCA connector
- Built-in MicroSD/ SDHC card slot
- Tampering detection
- RTC with built-in battery
- Built-in heater and fan, enabling camera in severe environment (-50 ~ 60°C)
- Power over Ethernet (IEEE 802.3af/at)
- 2 x alarm input, 2 x alarm output
- IP66 rated weatherproof housing
- SSL v3 advanced HTTPS encryption
- Supports Samba network storage
- Multi-lingual user interface
- ONVIF 2.3 and Profile S compliant
- Free 64 channels ZAVIO CamGraba 2.0 NVR software

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

Supports ZAVIO IP Camera

(except F1100/F1105/B7320/B7510/D7320/D7510)

Please go to zavio.com for a list of Cloud Solution support camera models



• Free 64ch NVR Software

The most professional NVR software you can get for free!



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.

• 4ch/ 8ch 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



Application



1. Banking
2. High Latitude
3. Traffic

Technical Specifications

Camera

Models	B7510 5 megapixel day & night outdoor bullet
Image sensor	1/3.2" CMOS sensor
Lens	F1.3, 3 ~ 9mm, vari-focal, auto-iris
Angle of view	30° ~ 87° horizontal; 23° ~ 64° vertical
Digital zoom	10x digital
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	30m effective range
IR LEDs	High performance IR LED x 4 (850nm)
Day/Night function	Mechanical IR cut filter
Shutter time	1/2 ~ 1/10,000 sec.

Video

Video compression	Motion JPEG H.264 baseline/ main/ high profile
Resolutions	Motion JPEG: 8 resolutions from 2560 x 1920 to 320 x 240 via API, 8 selections via configuration web page H.264 7 resolutions from 2560 x 1920 to 320 x 240 via API, 7 selections via configuration web page
Frame rate	Motion JPEG: up to 15 fps at 2560 x 1920 30 fps at 1920 x 1080 H.264: up to 15 fps at 2560 x 1920 30 fps at 1920 x 1080
Video streaming	Simultaneous Motion JPEG, H.264 (multiple streaming) Controllable frame rate and bandwidth
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 & out
Audio compression	G.711 μ law, a law

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, ISMA
Users	5 simultaneous users

Alarm and Event Support

Alarm and event management	Input: alarm buffer, motion detection, tampering detection Output: network storage, FTP, SMTP, pre-and post alarm buffer
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System

Connectors	RJ-45 for Ethernet 10/ 100 Base-T (with PoE) 2 pin terminal blocks for DC power Terminal blocks for 2 alarm input, 2 alarm output , Audio line input, Audio line output Reset push switch RCA connector for analog video output
LED Indicator	System power status indicator Network link indicator MicroSD/SDHC card status indicator

General

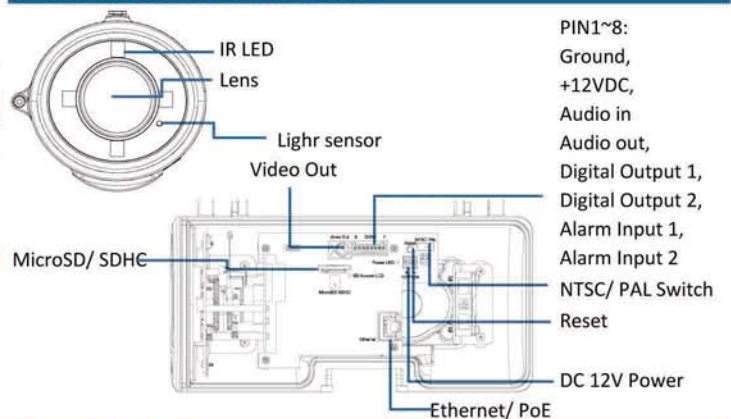
Casing	Aluminum casing
Housing	IP 66 rated weatherproof

AC power requirement & consumption	PoE power requirement 12V DC, 1.5A; power consumption: max. 16.2W Note: while IR on, heater or fan would be activated automatically
PoE power requirement & consumption	Power requirement: Power over Ethernet IEEE 802.3af Note: while IR on, heater and fan will be disabled Power consumption: max. 11.1w Power over Ethernet IEEE 802.3at Note: while IR on, heater or fan would be activated automatically Power consumption: max. 16.2w
Heater & fan	Built-in and auto activation Note: Heater will be activated while the B7510 inner temperature drops under 5°C and fan over 50 °C
Operating conditions	-50 ~ 60 °C (-58 ~ 140°F)
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 4 2.8GHz (or equivalent AMD) 256MB RAM graphic cards (or equivalent on-board graphic cards) 1G RAM Windows XP, Vista or Windows 7 Mac OS Leopard 10.5 or later
Dimensions (HxWxD)	360 x 125 x 250mm (14.2" x 4.9" x 9.8")
Weight	1830.8g (4.05lb) excl. power supply
Included accessories	Quick installation guide, CD (IP surveillance software, IP installer, user manual, and language packs), mounting and connector kits Note: AC power supply not included
Certification	CE, FCC, RoHS

Integration

Video management software	ZAVIO CamGraba 2.0 IP System software, for viewing, recording and archiving up to 64 cameras See http://www.zavio.com/product.php?id=50 for more software application
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Part Names and Functions



Dimensions

