

## B5210 HD 1080p Megapixel Day/Night Bullet IP Camera



- Megapixel 1080P HD resolution
- Multiple H.264, Motion JPEG and MPEG-4 video streams
- True day/night with automatic removable IR-cut filter
- MicroSD card slot
- Power over Ethernet
- Easy install with a variety function of three-axis bracket
- Supports True Plug and Play Cloud Solution

- 2 Megapixel CMOS image sensor
- Multiple H.264, Motion JPEG, MPEG-4 and 3GPP video streams
- 4.0mm, F1.8 megapixel fixed lens
- 30 fps in 1920 x 1080
- True day/night capabilities with automatic removable IR-cut filter
- Build-in IR LED illuminators with adjustable brightness and 15m working distance
- Enhanced high contrast bright & dark with WDR
- Analog video output through BNC connector
- MicroSD card local storage
- Power over Ethernet (IEEE 802.3af)
- IP67 rated weatherproof housing
- SSL v3 advanced HTTPS encryption
- Full support for Firefox, Safari and Mac OS
- 64 channel ZAVIO CamGraba NVR software
- Multi-lingual user interface
- ONVIF compatible

## Technical Specifications

Camera	
<b>Models</b>	B5210 1080p 2 megapixel day/night bullet IP camera
<b>Image sensor</b>	1/2.7" progressive scan CMOS 2 megapixel sensor
<b>Lens</b>	F1.8, 4.0 mm, fixed lens
<b>Angle of view</b>	77° horizontal
<b>Digital zoom</b>	10x digital
<b>Min illumination</b>	0.2 Lux at F1.8
<b>IR working distance</b>	15m effective range
<b>IR LEDs</b>	High performance IR LED x 3 (850nm)
<b>Day/Night function</b>	Mechanical IR cut filter
<b>Shutter time</b>	1/2 ~ 1/10,000 sec.
<b>S/N ratio</b>	39dB

Video	
<b>Video compression</b>	Motion JPEG MPEG-4 part 2 (ISO/IEC 14496-2) simple profile H.264 baseline profile
<b>Resolutions</b>	Motion JPEG: 4 resolutions from 1920 x 1080 to 320 x 240 via API, 4 selections via configuration web page MPEG-4: 4 resolutions from 1920 x 1080 to 320 x 240 via API, 4 selections via configuration web page H.264: 4 resolutions from 1920 x 1080 to 320 x 240 via API, 4 selections via configuration web page
<b>Frame rate</b>	Motion JPEG: up to 30 fps at 1920 x 1080 MPEG-4: up to 30 fps at 1920 x 1080 H.264: up to 30 fps at 1920 x 1080
<b>Video streaming</b>	Simultaneous Motion JPEG, MPEG-4, H.264 and 3GPP (multiple streaming) Controllable frame rate and bandwidth Support unicast and multicast Support 3GPP/ ISMA RTSP (Real Time Streaming Protocol)
<b>Image settings</b>	Brightness, contrast, saturation WDR enhanced Rotation: mirror, flip, mirror flip Overlay capabilities: time, date, text and privacy Image

Network	
<b>Security</b>	Multiple user access levels with password protection, HTTPS encryption
<b>Supported protocols</b>	Bonjour, TCP/ IP, DHCP, DNS, DynDNS, PPPoE, ARP, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP, 3GPP/ ISMA
<b>Users</b>	10 simultaneous users Unlimited number of users using multicast

Alarm and Event Support	
<b>Alarm and event management</b>	Input: motion detection Output: network storage, FTP, SMTP, pre-and post alarm buffer

System	
<b>Connectors</b>	RJ-45 Ethernet 10/ 100 Base-T (PoE) DC power Jack Analog video output
<b>Local storage</b>	MicroSD Card slot
<b>LED Indicator</b>	Power status indicator Network link indicator MicroSD card status indicator

General	
<b>Casing</b>	Aluminum casing

<b>Housing</b>	Weatherproof IP67-rated
<b>Power</b>	12V DC, 1A, Max 12W
<b>Operating conditions</b>	-10 ~ 50°C (14 ~ 122°F)
<b>Installation, management, and maintenance</b>	ZAVIO camera management tool on CD and web-based configuration. Configuration of backup and restore firmware upgrades over HTTP, firmware available at <a href="http://www.zavio.com">www.zavio.com</a>
<b>Minimum web browsing requirement</b>	Pentium 4 2.8GHz (or equivalent AMD) 256MB RAM graphic cards (or equivalent on-board graphic cards) 1G RAM Window 2000, 2003, XP, Vista or Windows 7 Mac OS Leopard 10.5 or later
<b>Dimensions (HxWxD)</b>	270x 69(φ) mm (10.6" x 2.7")
<b>Weight</b>	900g (1.98lb) excl. power supply
<b>Included accessories</b>	Quick installation guide, CD (IP surveillance software, intelligent IP installer, user manuals, and language packs), mounting and connector kits Note: AC power supply not included
<b>Certification</b>	CE, FCC, RoHS

Integration	
<b>Video management software</b>	ZAVIO CamGraba IP System software, for viewing, recording and archiving up to 64 cameras See <a href="http://www.zavio.com/suport_softwares.php">http://www.zavio.com/suport_softwares.php</a> For more software application

