

B5010 H.264 VGA Day/ Night Bullet IP Camera



- 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

- Progressive scan CMOS
- Multiple H.264, Motion JPEG, MPEG-4 and 3GPP video streams
- 30 fps per second in all resolutions
- 4.3mm, F2.0 fixed lens
- True day/night capabilities with automatic removable IR-cut filter
- Build-in IR LED illuminators with adjustable brightness and 15m working distance
- Enhances low-light performance with enhanced night mode
- 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
- 32 channel ZAVIO CamGraba NVR software
- Multi-lingual user interface
- ONVIF compliant

Technical Specifications

Camera

Models	B5010 H.264 VGA day/ night bullet IP camera
Image sensor	1/4" progressive scan CMOS megapixel sensor
Lens	F2.0, 4.3mm
Angle of view	50° horizontal
Digital zoom	10x digital
Min illumination	0.2 Lux at F2.0
IR working distance	15m effective range
IR LEDs	High performance IR LED x 3 (850nm)
Day/Night function	Mechanical IR cut filter
Shutter time	1/7 ~ 1/24,000 sec.
S/N ratio	39dB

Video

Video compression	Motion JPEG, MPEG-4, H.264
Resolutions	Motion JPEG: 3 resolutions from 640 x 480 to 160 x 120 via API, 3 selections via configuration web page MPEG-4: 3 resolutions from 640 x 480 to 160 x 120 via API, 3 selections via configuration web page H.264: 3 resolutions from 640 x 480 to 160 x 120 via API, 3 selections via configuration web page
Frame rate	Motion JPEG: up to 30 fps at 640 x 480 MPEG-4: up to 30 fps at 640 x 480 H.264: up to 30 fps at 640 x 480
Video streaming	Simultaneous Motion JPEG, MPEG-4, H.264 and 3GPP (4 streams) Controllable frame rate and bandwidth Support unicast and multicast Support 3GPP/ ISMA RTSP (Real Time Streaming Protocol)
Image settings	Brightness, contrast, saturation Rotation: mirror, flip, mirror flip Overlay capabilities: time, date, text and privacy Image

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, 3GPP/ ISMA
Users	5 simultaneous users Unlimited number of users using multicast

Alarm and Event Support

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

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

General

Casing	Aluminum casing
Housing	Weatherproof IP67-rated
Power	12V DC, 1A, Max 12W

Operating conditions	-10 ~ 50°C (14 ~ 122°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 Window 2000, 2003, XP, Vista or Windows 7 Mac OS Leopard 10.5 or later
Dimensions (HxWxD)	270x 69(φ) mm (10.6" x 2.7")
Weight	900g (1.98lb) excl. power supply
Included accessories	Quick installation guide, CD (IP Surveillance Software, Intelligent IP Installer, user manuals, and language pack), mounting and connector kits Note: AC power supply not included
Certification	CE, FCC, RoHS

Integration

Video management software	ZAVIO CamGraba IP System software, for viewing, recording and archiving up to 32 cameras See http://www.zavio.com/suport_softwares.php For more software application
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Physical Description

