

B5110 15M IR Outdoor IP Camera



- ▶ **1.3 megapixel**
- ▶ **Multiple H.264, Motion JPEG, MPEG-4 and 3GPP video streams**
- ▶ **True day/night with automatic removable IR-cut filter**
- ▶ **Infrared LEDs with 15m effective range**

- 1.3 megapixel progressive scan CMOS
- Multiple H.264, Motion JPEG, MPEG-4 and 3GPP video streams
- 15 fps in 1280 x 1024, 30 fps in 640 x 480
- True day/night capabilities with automatic removable IR-cut filter
- 850nm infrared LEDs with 15m effective range
- Two-way audio with audio detection
- Power over Ethernet IEEE 802.3af
- 1 x alarm input, 1 x alarm output
- IP66 rated weatherproof housing
- SSL v3 advanced HTTPS encryption
- Full support for Firefox, Safari and Mac OS
- Supports Samba network storage
- 3GPP mobile surveillance
- Multi-lingual user interface
- 32 channel surveillance software

Technical Specifications

Models	B5110
Image sensor	1/4" Progressive scan CMOS 1.3 Megapixel sensor
Lens	F1.5, 4.0 mm
Angle of view	48° horizontal
Digital Zoom	10x digital
Min Illumination	0.5 Lux 0 Lux with IR LEDs on
IR working distance	15 M
IR LEDs	8 φ IR LEDs x21 (850nm)
Day/Night function	Mechanical IR cut filter
S/N Ratio	44dB
Video Compression	Motion JPEG MPEG-4 Part2 (ISO/IEC 14496-2), Profile: SP H.264 BP
Resolutions	Motion JPEG: 4 resolutions from 1280x1024 to 320x240 via API, 4 selections via configuration web page MPEG-4: 4 resolutions from 1280x1024 to 320x240 via API, 4 selections via configuration web page H.264: 4 resolutions from 1280x1024 to 320x240 via API, 4 selections via configuration web page
Frame rate	Motion JPEG: Up to 15 fps at 1280x1024 Up to 30 fps at 640x480 MPEG-4: Up to 15 fps at 1280x1024 Up to 30 fps at 640x480 H.264: Up to 15 fps at 1280x1024 Up to 30 fps at 640x480
Video streaming	Simultaneous Motion JPEG, MPEG-4, H.264 and 3GPP (4 streaming) Controllable Frame rate and bandwidth Support Unicast and Multicast Support 3GPP/ISMA RTSP (Real Time Streaming Protocol)
Image settings	Rotation: Mirror, Flip, Mirror Flip brightness, contrast, saturation Overlay capabilities: time, date, text and privacy image
Shutter time	1~ 1/17780 sec.
Audio	Two-way (full duplex) External microphone input or line input Audio compression: G.711 μ law, a law, and AMR
Security	Multiple user access levels with password protection, HTTPS encryption

Users	10 simultaneous users Unlimited number of users using multicast
Alarm Input/Output	Alarm input 5V/12V DC Alarm output Max 30W
Alarm and event management	Input: alarm buffer, alarm input, motion detection, audio detection Output: network storage, FTP, SMTP, HTTP event, alarm output Pre-and post alarm buffer
Connectors	RJ-45 for Ethernet 10/100 Base-T (with PoE) DC power jack Terminal blocks for 1 alarm input, 1 output Reset push switch 3.5 mm jack for Mic/Line, 3.5 mm jack for line out
Casing	Aluminum casing
Power	12V DC, 1A, Max 12W PoE (Power over Ethernet) Built-in IEEE 802.3af
Operating conditions	-30 ~ 50 °C (-22 ~ 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) 256 MB RAM graphic cards (or equivalent on-board graphic cards) 1G RAM Windows 2000, 2003, XP or Vista Mac OS Leopard 10.5
Supported protocols	Bonjour, TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, UPnP, RTSP, RTP, RTCP, HTTP, TCP, UDP, 3GPP/ISMA RTSP
Included accessories	Quick Installation Guide, CD (Zavio CamGraba IP System, Intelligent IP Installer, User Manuals, and Language Pack), mounting and connector kits, power supply 12V DC
Video management software	ZAVIO CamGraba IP System software, for viewing, recording and archiving up to 32 cameras See http://www.zavio.com/support_softwares.php for more software application
Approvals	CE, FCC, RoHS
Dimensions (HxWxD) and weight	120 x 78 (φ)mm (4.7" x 3.1") 705.5 g (1.6 lb) excl. power supply