

F3210 HD 1080p Megapixel Day/Night Compact 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
- 6pcs IR LEDs and 10m distance
- Built-in PIR sensor for human detection
- Micro SD card slot
- Power over Ethernet

- Megapixel CMOS image sensor
- Multiple H.264, Motion JPEG, MPEG-4 and 3GPP video streams
- 30 fps in 1920 x 1080
- True day/night capabilities with automatic removable IR-cut filter
- 4.3mm, F2.0 megapixel fixed lens
- 6pcs IR LEDs and 10meter distance
- Built-in PIR sensor
- Built-in microphone and Speaker for two-way audio detection
- Micro SD card slot
- Power over Ethernet (IEEE 802.3af)
- 1 x alarm input, 1 x alarm output
- RTC with built-in battery
- SSL v3 advanced HTTPS encryption
- Full support for Firefox, Safari, Chrome and Mac OS
- Supports Samba network storage
- 3GPP mobile surveillance
- Multi-lingual user interface
- ONVIF Compatible

Technical Specifications

Camera	
Models	F3210 HD 1080p Megapixel day/night IP Camera
Image sensor	1/2.7" megapixel progressive scan CMOS sensor
Lens	F2.0, 4.3 mm
Angle of view	45° vertical, 77° horizontal, 88° diagonal
Digital zoom	10x digital
Min illumination	0.2 Lux at F2.0 (color), 0.001 Lux at F2.0 (b/w), 0 Lux at F2.0 (IR LEDs on)
IR working distance	10m effective range Adjustable brightness via FW
IR LEDs	6pcs (850nm)
Day/Night function	Mechanical IR cut filter
Shutter time	1/15 ~ 1/24,000 sec

Video	
Video compression	Motion JPEG MPEG-4 part 2 (ISO/IEC 14496-2) simple profile H.264 baseline profile
Resolutions	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
Frame rate	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
Video streaming	Simultaneous Motion JPEG, MPEG-4, H.264 and 3GPP (3 streams) Controllable frame rate and bandwidth Support unicast and multicast Support 3GPP/ ISMA RTSP (Real Time Streaming Protocol)
Image settings	Brightness, contrast, saturation WDR enhanced Rotation: mirror, flip, mirror flip Overlay capabilities: time, date, text and privacy Image

Audio	
Audio streaming	Two-way (full duplex)
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, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, UPnP, RTSP, RTP, HTTP, TCP,UDP, 3GPP/ ISMA RTSP
Users	10 simultaneous users Unlimited number of users using multicast

Alarm and Event Support	
Alarm input/output	Alarm input 5V DC
Alarm and event management	Input: alarm buffer, motion detection, audio detection Output: network storage, FTP, SMTP, pre-and post alarm buffer

PIR sensor	Passive infrared (PIR) motion sensor. Max range: 6m
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System	
Connectors	RJ-45 Ethernet 10/ 100 Base-T DC power Jack Reset & WPS button (F3115) Terminal blocks for 1 alarm input, 1 output
Local storage	MicroSD card slot
General	
Casing	PC+ABS casing
Power	5V DC, 1A, Max 5W
Operating conditions	0 ~ 50 °C (32 ~ 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)	96.7 x 65.7 x 25 mm (3.77"x 2.56"x 0.97")
Weight	116.5g (0.3lb) excl. power supply
Included accessories	Quick Installation Guide, CD (IP Surveillance Software, Intelligent IP Installer, User Manuals, and Language Pack), mounting and connector kits, power supply 5V DC
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

Physical Description

