

F210A IP Camera

The F210A IP Camera offers a cost-effective solution for remote indoor monitoring and surveillance over a local area network or the Internet. This network camera is ideal for use in small and mid-sized businesses and homes.



Compact and sleek design

The F210A possesses powerful features and great qualities you can expect from Zavio cameras, all in one of the world's smallest and most elegant package.

Superior Image Quality

The F210A is equipped with a high-sensitivity progressive scan CMOS sensor and delivers crystal clear images at 30 frames per second in VGA resolution.

Simultaneous MPEG-4 and Motion JPEG

MPEG-4 and Motion JPEG streams can be sent simultaneously from each channel. This allows users to have different viewing and recording settings that are optimized for image quality and efficient bandwidth/storage use.

Easy Access through Windows Live Messenger

The embedded Windows Live Messenger client enables users to easily connect to the camera and view high quality video with Windows Live Messenger on their PC or Laptop anytime anywhere in the world. (Patent Pending)

Technical Specifications

Models	F210A	Alarm and event management	Events triggered by video motion detection external input or according to a schedule Image upload over FTP, email and HTTP Notification over TCP, email, HTTP and external output
Image sensor	1/4" Progressive scan CMOS sensor	Connectors	RJ-45 for Ethernet 10/100 Base-T DC power jack Reset push switch 3.5mm jack for line out
Lens	F2.0, 4.0 mm	Casing	PC+ABS casing
Angle of view	59° diagonal	Memory	RAM: 64MB, Flash: 8MB
Digital zoom	10x digital	Power	5V DC, 1A, Max 5W
Min Illumination	0.5Lux	Operating conditions	0-50°C (32-122°F)
S / N Ratio	50dB	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
Video compression	Motion JPEG MPEG-4 Part 2 (ISO/IEC 14496-2), Profile: SP	Minimum web browsing requirements	Pentium 4 1.8GHz (or equivalent AMD) 64MB RAM graphic cards (or equivalent on-board graphic cards) 512MB RAM Windows 98, ME, 2000, 2003, XP, Vista Mac OS Leopard 10.5
Resolutions	Motion JPEG: 3 resolutions from 640x480 to 160x120 via API, 3 selections via configuration web page MPEG-4: 3 resolutions from 640x480 to 160x120 via API, 3 selections via configuration web page	Supported protocols	Bonjour, TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, UPnP, RTSP, RTP, HTTP, TCP, UDP, 3GPP/SMARTSP
Frame rate	Motion JPEG: Up to 15 fps at 640x480 (4:3 resolutions) MPEG-4: Up to 30 fps at 640x480 (4:3 resolutions)	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
Video streaming	Simultaneous Motion JPEG and MPEG-4 (Dual streaming) Controllable Frame rate and bandwidth, Support Unicast and Multicast Support 3GPP/SMARTSP (Real Time Streaming Protocol)	Video management software	ZAVIO Intelligent IP Installer_Video management software for viewing, recording and archiving up to 16 cameras See http://www.zavio.com/support.htm for more software applications
Image settings	Rotation: Mirror, Flip, Mirror Flip brightness, contrast, saturation, hue Overlay capabilities: time, date, text and privacy image	Approvals	CE, FCC, RoHS
Shutter time	1/60 to 1/30000 sec.	Dimensions (HxWxD) and weight	96 x 58 x 31mm (3.7" x 2.7" x 1.2") 77.4g (3.1oz) excl. power supply
Audio	Two-way (full duplex) External microphone input Audio compression: G.711 PCM, 8 kHz, 64 kbit/s		
Instant Messenger	Support MSN Live View (MSN 7.0, 7.5, 8.0)		
Security	Multiple user access levels with password protection, HTTPS encryption,		
Users	5 simultaneous users Unlimited number of users using multicast		

Physical Description



Basic Connection

