

F312A Wireless IP Camera



- ▶ Progressive scan
- ▶ Simultaneous MPEG-4 and Motion JPEG
- ▶ 6 LED Illuminators
- ▶ Wireless IEEE 802.11b/g

- Progressive scan CMOS
- Simultaneous MPEG-4 and Motion JPEG
- 30 frames per second in all resolutions
- Excellent low-light performance with enhanced night mode
- 6 LED Illuminators
- Two-way audio with built-in microphone
- Wireless 802.11b/g
- Two-way audio with built-in microphone
- SSL v3 advanced HTTPS encryption
- WEP, WPA, WPA2 advanced wireless security
- 3GPP mobile surveillance
- Easy access via Windows Live Messenger
- Multi-lingual user interface
- 16 channel surveillance software

ZAVIG

Technical Specifications

Models	F312A
Image sensor	1/4" Progressive scan CMOS sensor
Lens	F2.0, 4.0 mm
Angle of view	53° horizontal
Digital Zoom	10x digital
Min Illumination	0 Lux at F2.0 with Night-vision LEDs on
IR working distance	5 M
Day/Night function	6 White LEDs
S/N Ratio	50dB
Video Compression	Motion JPEG
Resolutions	MPEG-4 Part2 (ISO/IEC 14496-2), Profile: SP
Frame rate	Motion JPEG: 3 resolutions from 640x480 to 160x120 via API, 3 resolutions via configuration web page MPEG-4: 3 resolutions from 640x480 to 160x120 via API, 3 resolutions via configuration web page
Video streaming	Motion JPEG: Up to 15 fps at 640x480 (4:3 resolution) MPEG-4: Up to 30 fps at 640x480 (4:3 resolution)
Image settings	Simultaneous Motion JPEG and MPEG-4 (Dual streaming) Controllable Frame rate and bandwidth Support Unicast and Multicast Support 3GPP/ISMA RTSP (Real Time Streaming Protocol)
Shutter time	Rotation: Mirror, Flip, Mirror Flip brightness, contrast, saturation, hue Overlay capabilities: time, date, text and privacy image
Audio	1/7.5 ~ 1/120 sec.
Wireless Encryption	Two-way (full duplex) Audio compression: G.711 PCM, 8kHz, 64 kbit/s
Security	IEEE 802. 11b/g
Users	Multiple user access levels with password protection, HTTPS encryption WEP 64/128 bit, WPA/WPA2-PSK
Instant Messenger	5 simultaneous users Unlimited number of users using multicast Support MSN Live View

Alarm and event management	Input: motion detection Output: FTP, SMTP, HTTP event
Connectors	RJ-45 for Ethernet 10/100 Base-T DC power jack Reset push switch 3.5 mm jack for line out
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 1.8GHz (or equivalent AMD) 64 MB RAM graphic cards (or equivalent on-board graphic cards) 512 MB 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 (IP Surveillance Software, Intelligent IP Installer, User Manuals, and Language Pack), mounting and connector kits, power supply 5V DC
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 application
Approvals	CE, FCC, RoHS
Dimensions (HxWxD) and weight	104 x 63 x 35 mm (4.1" x 2.5" x 1.4") 116.5 g (0.3 lb) excl. power supply



Physical Description

