

F312A Wireless IP Camera

The F312A Wireless 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.



Day/Night function

With the 6 built-in high-power LEDs that automatically turn on during low-light situations, this camera provides perfect images both in normal and low-light or even no-light conditions to provide reliable surveillance 24 hours a day.

Superior Image Quality

The F312A is equipped with a high-sensitivity progressive scan CMOS sensor and delivers crystal clear images at 30 frames per second in VGA resolution. MPEG-4 and Motion JPEG video streams can be sent simultaneously to optimize 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)

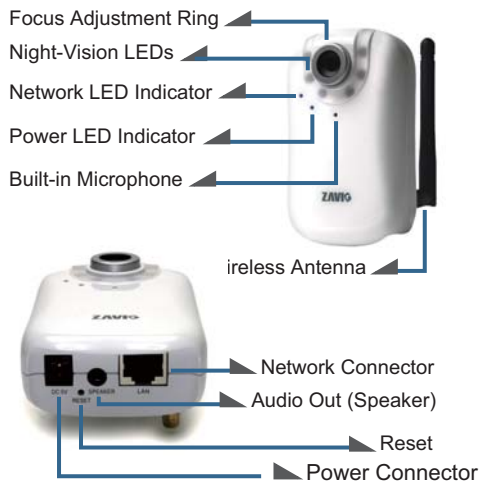
Wireless capability and secure communication

For optimal installation flexibility, the F312A offers wireless IEEE 802.11b/g connection. To ensure that everything is transmitted securely, it includes WEP, WPA and WPA2 Wi-Fi protected access and the latest SSL v3 HTTPS encryption.

Technical Specifications

| | | | |
|---------------------|---|--|--|
| Models | F312A | 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 | 0Lux at F2.0 with Night-vision LEDs on | Operating conditions | 0-50°C (32-122°F) |
| Day/Night function | 6 White LEDs | 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 |
| S / N Ratio | 50dB | 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 |
| Video compression | Motion JPEG MPEG-4 Part 2 (ISO/IEC 14496-2), Profile: SP | Supported protocols | Bonjour, TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, UPnP, RTSP, RTP, HTTP, TCP, UDP, 3GPP/SMARTSP |
| 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 | 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 |
| Frame rate | Motion JPEG: Up to 15 fps at 640x480 (4:3 resolutions) MPEG-4: Up to 30 fps at 640x480 (4:3 resolutions) | 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 |
| 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) | Approvals | CE, FCC, RoHS |
| Image settings | Rotation: Mirror, Flip, Mirror Flip brightness, contrast, saturation, hue Overlay capabilities: time, date, text and privacy image | Dimensions (HxWxD) and weight | 104 x 63 x 35mm (4.1" x 2.5" x 1.4") 116.5g (28.22 oz) excl. power supply |
| Shutter time | 1/60 to 1/30000 sec. | | |
| Audio | Two-way (full duplex) External speaker output Audio compression: G.711 PCM, 8 kHz, 64 kbit/s | | |
| Instant Messenger | Support MSN Live View (MSN 7.0, 7.5, 8.0) | | |
| Wireless Encryption | WPA-WPA2-PSK, WPA-WPA2-AES, WEP | | |
| Security | Multiple user access levels with password protection, HTTPS encryption | | |
| Users | 5 simultaneous users Unlimited number of users using multicast | | |

Physical Description



Basic Connection

