

F521E 15M IR Outdoor IP Camera

The F521E is a highly cost-effective all-in-one IP solution suitable for all kinds of conditions, whether indoor or outdoor, day or night, making it an ideal choice for securing offices, shops and other indoor and outdoor facilities.



Superior Image Quality

The F521E is equipped with a high-sensitivity progressive scan CMOS sensor and delivers crystal clear images at 30 frames per second in VGA resolution.

Day/Night function with IR LED and removable IR cut filter

The F521E is a true day/night IP solution equipped with an automatic removable mechanical IR cut filter and Infrared LEDs with an effective range of over 15 meters.

Simultaneous MPEG-4 and Motion JPEG

MPEG-4 and Motion JPEG streams can be sent simultaneously from each channel at 30fps in all resolution. This allows users to have different viewing and recording settings that are optimized for image quality and efficient bandwidth/storage use.

Video motion detection

F521E outdoor IR IP camera provides powerful event management functions including pre/post alarm image buffering. Events can be triggered for example by video motion detection and external input devices, and responses can include image upload, alarm notifications and activation of external devices such as lights, doors or alarms.

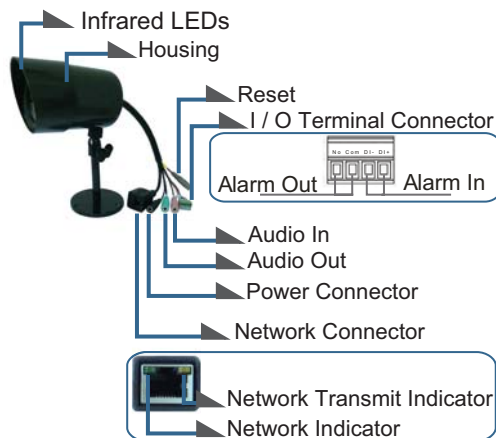
Power over Ethernet

F521E supports Power over Ethernet, allowing power to be delivered via the network, which eliminates the need for power cables and reduces installation costs.

Technical Specifications

Models	F521E	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 pre- and post alarm buffer
Image sensor	1/4" Progressive scan CMOS sensor	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 3.5mm jack for Mic/Line in, 3.5mm jack for line out
Lens	F2.0, 4.3 mm	Casing	Aluminum casing
Angle of view	55° diagonal	Memory	RAM: 64MB, Flash: 8MB
Digital zoom	10x digital	Power	12V DC, 1A, Max 5W PoE (Power over Ethernet) Built-in IEEE 802.3af
Min Illumination	0.5Lux 0Lux with IR LEDs on	Operating conditions	-30~50°C (-22~122°F)
IR working distance	15m	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
IR LEDs	8φ IR LEDs x 21 (850nm)	Minimum web browsing requirements	Pentium 4 1600GHz (or equivalent AMD) 64MB RAM graphic cards (or equivalent on-board graphic cards) 512MB RAM Windows 98, Windows ME, 2000, 2003, XP, Vista Mac OS Leopard 10.5
Day/Night function	Mechanical IR cut filter	Supported protocols	Bonjour, TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, UPnP, RTSP, RTP, HTTP, TCP, UDP, 3GPP/SMARTSP
S / N Ratio	50dB	Included accessories	Quick Installation Guide, CD (IP Surveillance Software, Intelligent IP Installer, User Manuals and Language Pack) mounting and connector kits, power supply 12V DC
Video compression	Motion JPEG MPEG-4 Part 2 (ISO/IEC 14496-2), Profile: SP	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
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	Approvals	CE, FCC, RoHS
Frame rate	Motion JPEG: Up to 15 fps at 640x480 (4:3 resolutions) MPEG-4: Up to 30 fps at 640x480 (4:3 resolutions)	Dimensions (HxWxD) and weight	99 x 73 (φ)mm (3.9" x 2.8") 705.5g (28.2 oz) excl. power supply
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)		
Image settings	Rotation: Mirror, Flip, Mirror Flip brightness, contrast, saturation, hue Overlay capabilities: time, date, text and privacy image		
Shutter time	1/60 to 1/30000 sec.		
Audio	Two-way (full duplex) External microphone input or line 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		
Alarm Input/Output	Alarm input 5V/12V DC Alarm output Max 30W		

Physical Description



Basic Connection

